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PUBLIC HEALTH REPORTS.

Vol. XXV.

DECEMBER 23, 1910.

No. 51

UNITED STATES.

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 300 acres of land in Contra Costa County and 71 in San Mateo County were covered with poison during the week ended December 3, 1910.

Record of Plague Infection.

Place.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland).....	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.....	Nov. 22, 1910.....	84 squirrels.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910.....	1 wood rat.
Merced.....	None recorded.....	do.....	June 6, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	do.....	2 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	4 squirrels.
San Joaquin.....	None recorded.....	do.....	Nov. 15, 1910.....	20 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	9 squirrels.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	1 squirrel.
Santa Cruz.....	None recorded.....	do.....	May 17, 1910.....	23 squirrels.
Stanislaus.....	do.....	do.....	May 21, 1910.....	3 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	5 squirrels.
				22 rats.

Rats Collected and Examined for Plague Infection.

Place.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Dec. 3.....		1 102	102	
Oakland.....	do.....	24	753	502	
San Francisco.....	do.....	31	1,917	1,418	
Total.....		55	2,772	2,112	

¹ Identified: *Mus norvegicus*, 70; *Mus musculus*, 32.

² Identified: *Mus norvegicus*, 617; *Mus musculus*, 135; *Mus alexandrinus*, 1.

³ Identified: *Mus norvegicus*, 1,238; *Mus rattus*, 115; *Mus musculus*, 403; *Mus alexandrinus*, 161.

Squirrels Collected and Examined for Plague Infection.

Place.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Dec. 3	120		120	
Calaveras.....	do.	37		37	
Contra Costa.....	do.	30	5	35	
Fresno.....	do.	53		53	
Los Angeles.....	do.	254		229	
Mariposa.....	do.	28		28	
Merced.....	do.	112		108	
Monterey.....	do.	441	2	433	
Napa.....	do.	90		90	
Sacramento.....	do.	32		32	
San Joaquin.....	do.	145	1	146	
San Luis Obispo.....	do.	168		164	
San Mateo.....	do.	13	10	23	
Santa Clara.....	do.	86		86	
Stanislaus.....	do.	31		31	
Tuolumne.....	do.	31		31	
Total.....		1,671	18	1,646	

Other Animals Collected and Examined.

Place.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Fresno.....	Dec. 3.	2 rabbits	2	
Kern.....	do.	10 chipmunks, 8 kangaroo rats.	18	
Los Angeles.....	do.	2 rabbits	1	
Mariposa.....	do.	6 rabbits	6	
Sacramento.....	do.	1 gopher.....	1	
San Luis Obispo.....	do.	do.	1	
Santa Clara.....	do.	1 rabbit.	1	
Stanislaus.....	do.	6 kangaroo rats.	6	
Tuolumne.....	do.	3 kangaroo rats.	3	
Total.....			39	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

Reports Received During Week ended December 23, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery	Dec. 4-10.....	2		No cases reported.
Connecticut.....	Nov. 1-30.....			
Florida:				
Dade County.....	Nov. 26-Dec. 3.....	2		
Duval County.....	Nov. 26-Dec. 10.....	1		
Escambia County.....	Nov. 26-Dec. 10.....	2		
Gadsden County.....	Nov. 26-Dec. 3.....	10		
Hillsboro County.....	Nov. 26-Dec. 10.....	18		
Jackson County.....	Nov. 26-Dec. 3.....	2		
Leon County.....	Nov. 26-Dec. 3.....	32		
Madison County.....	Nov. 26-Dec. 3.....	6		
Manatee County.....	Nov. 26-Dec. 3.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended December 23, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas:				
Allen County.....	Oct. 1-31.....	41	1	
Barton County.....	Oct. 1-31.....	1		
Doniphan County.....	Oct. 1-31.....	16		
Marshall County.....	Oct. 1-31.....	3		
Nemaha County.....	Oct. 1-31.....	1		
Sedgwick County—				
Wichita.....	Oct. 1-31.....	1		
Shawnee County—				
Topeka.....	Oct. 1-31.....	1		
Wyandotte County, ex-				
clusive of Kansas City....	Oct. 1-31.....	1		
Kansas City.....	Oct. 1-31.....	1		
*Louisiana:				
New Orleans.....	Dec. 4-10.....	14		
Michigan:				
Alger County.....	Nov. 1-30.....	1		
Allegan County.....	Nov. 1-30.....	1		
Alpena County.....	Nov. 1-30.....	6		
Arenac County.....	Nov. 1-30.....	4		
Branch County.....	Nov. 1-30.....	1		
Charlevoix County.....	Nov. 1-30.....	1		
Cheboygan County.....	Nov. 1-30.....	12		
Clinton County.....	Nov. 1-30.....	16		
Crawford County.....	Nov. 1-30.....	24		
Eaton County.....	Nov. 1-30.....	1		
Emmet County.....	Nov. 1-30.....	1		
Genesee County.....	Nov. 1-30.....	19		
Gladwin County.....	Nov. 1-30.....	1		
Grand Traverse County.....	Nov. 1-30.....	24		
Gratiot County.....	Nov. 1-30.....	2		
Huron County.....	Nov. 1-30.....	7		
Ingham County.....	Nov. 1-30.....	9		
Ionia County.....	Nov. 1-30.....	4		
Iosco County.....	Nov. 1-30.....	1		
Isabella County.....	Nov. 1-30.....	2		
Keweenaw County.....	Nov. 1-30.....	3		
Lake County.....	Nov. 1-30.....	1		
Lapeer County.....	Nov. 1-30.....	33	16	
Macomb County.....	Nov. 1-30.....	2		
Mecosta County.....	Nov. 1-30.....	3		
Midland County.....	Nov. 1-30.....	1		
Oakland County.....	Nov. 1-30.....	1		
Otsego County.....	Nov. 1-30.....	2		
Saginaw County, exclusive				
of Saginaw.....	Nov. 1-30.....	33	5	
Saginaw.....	Nov. 1-30.....	115	28	
Saline County.....	Nov. 1-30.....	7		
Washtenaw County.....	Nov. 1-30.....	1		
*Nebraska:				
Lincoln.....	Oct. 1-31.....	2		
New York.....	Oct. 1-31.....	1		
Ohio:				
Ashland County—				
Ashland.....	Nov. 1-30.....	6		
Franklin County—				
Columbus.....	Nov. 1-30.....	2		
Oregon, entire State.....	Nov. 24-Dec. 13...	6	4	The infection is supposed to have been brought by tourists from Mexico.
Tennessee:				
Hamilton County—				
Chattanooga.....	Dec. 4-10.....	2		
Shelby County.....	Oct. 25-31.....	4		
*Virginia:				
Portsmouth.....	Dec. 4-10.....	2		
Wisconsin:				
Dunn County.....	Nov. 1-30.....	1		
Douglas County.....	Nov. 1-30.....	1		
Eau Claire County.....	Nov. 1-30.....	3		
Iowa County.....	Nov. 1-30.....	9		
La Crosse County.....	Nov. 1-30.....	1		
Lafayette County.....	Nov. 1-30.....	16		
Pierce County.....	Nov. 1-30.....	1		
Milwaukee County.....	Nov. 1-30.....	5		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

[For reports received from Jan. 1, 1910, to June 24, 1910, see PUBLIC HEALTH REPORTS for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Birmingham.....	June 12-Aug. 6....	11		
Mobile.....	June 12-Nov. 26....	29		
Montgomery.....	June 12-Nov. 19....	10		
Total for State.....		50		
*Arizona:				
Flagstaff.....	Oct. 23-29.....	1		
Total for State.....		1		
*Arkansas:				
Fort Smith.....	June 19-25.....	1		
California, general.				
Amador County.....	May 1-June 30....	27		
Hamlet County.....	July 1-Aug. 31....	2		
Los Angeles County.....	Aug. 1-31.....	2		
Sacramento County.....	July 1-31.....	1		
San Francisco County.....	Aug. 1-31.....	1		
San Joaquin County.....	July 1-Aug. 31....	2		
Santa Clara County.....	July 1-31.....	4		
Total for State.....		41		
Colorado:				
Conejos County.....	Apr. 1-30.....		1	Received out of date.
Las Animas County.....	Mar. 1-Apr. 30....		2	
Logan County.....	May 1-31.....		1	
Montrose County.....	Apr. 1-30.....		1	
Adams County.....	July 1-31.....	3		
Archuleta County.....	June 1-Nov. 30....	26		
Boulder County.....	Oct. 1-Nov. 30....	5		
Chaffee County.....	July 1-Aug. 31....	3		
Clear Creek County.....	Aug. 1-31.....	1		
Conejos County.....	June 1-Nov. 30....	8		
Delta County.....	June 1-30.....	2		
Denver County.....	June 1-Nov. 30....	115		
El Paso County.....	July 1-Aug. 31....	3		
Fremont County.....	Oct. 1-Nov. 30....	4		
Garfield County.....	Oct. 1-31.....	1		
Grand County.....	Nov. 1-30.....	1		
Huerfano County.....	June 1-Nov. 30....	32		
Jefferson County.....	Nov. 1-30.....	1		
Kit Carson County.....	June 1-30.....	4		
La Plata County.....	Oct. 1-Nov. 30....	11		
Larimer County.....	June 1-Nov. 30....	2		
Las Animas County.....	June 1-Nov. 30....	55		
Logan County.....	June 1-30.....	1		
Mesa County.....	June 1-Oct. 31....	2		
Montezuma County.....	Sept. 1-Nov. 30....	5		
Montrose County.....	June 1-Nov. 30....	6		
Otero County.....	June 1-Sept. 30....	5		
Prowers County.....	June 1-Sept. 30....	17		
Pueblo County.....	July 1-Nov. 30....	3		
Rio Grande County.....	June 1-Nov. 30....	6		
Saguache County.....	June 1-July 31....	20		
San Miguel County.....	June 1-30.....	1	1	
Teller County.....	June 1-Oct. 31....	12		
Weld County.....	June 1-Nov. 30....	11		
Total for State.....		366	6	
Connecticut.....				
	Jan. 1-31.....			No cases.
District of Columbia.....				
	July 3-Sept. 17....	15		
Total for District.....		15		
Florida:				
Brevard County.....	Aug. 7-13.....	1		
Dade County.....	Nov. 6-25.....	2		
Duval County.....	June 19-Nov. 19....	4		
Escambia County.....	Nov. 6-25.....	8		
Gadsden County.....	July 3-Nov. 19....	18		
Hillsboro County.....	July 17-Nov. 12....	6		
Jackson County.....	June 19-Nov. 25....	5		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Florida—Continued.				
Jefferson County.....	July 10-Aug. 6....	4		
Leon County.....	Mar. 1-Nov. 25....	19	1	
Liberty County.....	July 17-23.....	14		
Osceola County.....	Oct. 23-Nov. 25....	45		
Polk County.....	Nov. 13-25.....	7		
Santa Rosa County.....	July 31-Aug. 6....	2		
Taylor County.....	July 3-9.....	1		
Walton County.....	June 12-18.....	1		
Washington County.....	Nov. 19-25.....	3		
Total for State.....		140	1	
*Georgia:				
Columbus.....	July 3-9.....	6		
Macon.....	Apr. 1-June 30....	8		
Total for State.....		14		
Illinois:				
Adams County.....	June 1-30.....	2		
Clay County.....	June 1-30.....	1		
Coles County.....	June 1-Aug. 31....	30		
Cook County.....	June 1-30.....	1		
Chicago.....	June 1-Aug. 31....	3		
Edgar County.....	June 1-30.....	2		
Franklin County.....	June 1-30.....	1		
Henry County.....	July 1-31.....	3		
Iroquois County.....	June 1-30.....	1		
Jo Daviess County.....	June 1-July 31....	9		
Kendall County.....	June 1-July 31....	2		
Knox County.....	June 1-July 31....	6		
Madison County.....	June 1-Aug. 31....	23		
Marion County.....	June 1-30.....	3		
Montgomery County.....	June 1-30.....	6		
Peoria County.....	June 1-Aug. 31....	6		
Perry County.....	June 1-30.....	1		
Pulaski County.....	June 1-30.....	1		
Randolph County.....	June 1-30.....	1		
Richland County.....	June 1-Aug. 31....	9		
Rock Island County.....	June 1-Aug. 31....	8		
St. Clair County.....	June 1-30.....	1		
Sangamon County.....	June 1-30.....	1		
Tazewell County.....	June 1-30.....	2		
Union County.....	June 1-30.....	4		
Wayne County.....	June 1-30.....	3		
Williamson County.....	June 1-30.....	2		
Total for State.....		132		
Indiana, general:				
Allen County.....	Aug. 1-31.....	6		
Allen County.....	May 1-June 30....	8		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	2		
Clinton County.....	May 1-31.....	1		
Dekalb County.....	June 1-30.....	1		
Delaware County.....	May 1-31.....	4		
Elkhart County.....	May 1-31.....	1		
Gibson County.....	May 1-31.....	1		
Grant County.....	May 1-June 30....	13		
Greene County.....	May 1-31.....	9		
Howard County.....	May 1-June 31....	21		
Lake County.....	June 1-30.....	1		
Madison County.....	June 1-30.....	6		
Marion County.....	May 1-Sept. 30....	7		
Marshall County.....	June 1-30.....	1		
Martin County.....	June 1-30.....	4		
Miami County.....	June 1-30.....	6		
Montgomery County.....	June 1-30.....	6		
Orange County.....	May 1-31.....	18		
Owen County.....	May 1-June 30....	23		
Putnam County.....	June 1-30.....	1		
St. Joseph County.....	May 1-June 30....	10		
Tipton County.....	May 1-31.....	1		
Vigo County.....	May 1-June 30....	28		
Warren County.....	June 1-30.....	1		
Wayne County.....	June 1-30.....	6		
Total for State.....		187		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 23 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Iowa:				
Benton County.....	June 1-July 31.....	4		
Buchanan County.....	June 1-30.....	2		
Cass County.....	Oct. 1-31.....	2		
Cedar County.....	July 1-31.....	1		
Clayton County.....	June 1-30.....	1		
Dallas County.....	June 1-30.....	1		
Delaware County.....	June 1-30.....	10		
Dubuque County.....	June 1-30.....	1		
Linn County.....	June 1-Nov. 30.....	55		
Plymouth County.....	Aug. 1-Nov. 30.....	44		
Polk County.....	June 1-Oct. 31.....	24		
Pottawattamie County.....	June 1-Aug. 31.....	21		
Scott County.....	June 1-July 31.....	4		
Warren County.....	Aug. 1-Sept. 30.....	14		
Webster County.....	July 1-31.....	1		
Winneshiek County.....	June 1-30.....	1		
Woodbury County.....	June 1-30.....	1		
Total for State.....		187		
Kansas:				
Allen County.....	May 1-Sept. 30.....	42		
Atchison County—				
Atchison.....	Apr. 1-May 31.....	7		
Barton County.....	June 1-Sept. 30.....	9		
Butler County.....	Apr. 1-June 30.....	8		
Cherokee County.....	June 1-30.....	4		
Clay County.....	July 1-Sept. 30.....	3		
Coffey County.....	July 1-31.....	1		
Cowley County.....	Apr. 1-July 31.....	12		
Crawford County.....	June 1-30.....	4	1	
Pittsburg.....	Aug. 1-Sept. 30.....	2		
Decatur County.....	Apr. 1-Aug. 31.....	38		
Dickinson County.....	May 1-June 30.....	10		
Doniphan County.....	Apr. 1-30.....	10		
Edwards County.....	Apr. 1-Aug. 31.....	7		
Elk County.....	May 1-July 31.....	6		
Ellis County.....	July 1-31.....	3		
Ellsworth County.....	Apr. 1-30.....	1		
Finney County.....	Apr. 1-30.....	2		
Ford County.....	June 1-30.....	1		
Graham County.....	Apr. 1-May 31.....	6		
Greenwood County.....	Apr. 1-June 30.....	56		
Harper County.....	May 1-June 30.....	3		
Harvey County.....	Apr. 1-June 30.....	22		
Hodgeman County.....	July 1-31.....	1		
Jewell County.....	May 1-June 30.....	21		
Kearny County.....	Apr. 1-May 31.....	5		
Kingman County.....	Apr. 1-June 30.....	4		
Labette County—				
Parsons.....	Apr. 1-July 31.....	12		
Lane County.....	May 1-31.....	2		
Leavenworth County.....	Apr. 1-May 31.....	8		
Leavenworth.....	May 1-June 30.....	2		
Lyon County.....	June 1-Aug. 31.....	13		
Marion County.....	July 1-31.....	1		
McPherson County.....	May 1-June 30.....	14		
Miami County.....	Apr. 1-May 31.....	2		
Marshall County.....	Aug. 1-Sept. 30.....	3	1	
Montgomery County.....	Apr. 1-Aug. 31.....	64	2	
Coffeyville.....	Apr. 1-June 30.....	12		
Nemaha County.....	July 1-31.....	2		
Neosho County.....	May 1-July 31.....	38		
Norton County.....	Apr. 1-Aug. 31.....	56		
Osage County.....	Apr. 1-May 31.....	6		
Osborne County.....	Apr. 1-June 30.....	33		
Pawnee County.....	Apr. 1-30.....	3		
Phillips County.....	May 1-31.....	6		
Pratt County.....	June 1-July 31.....	2		
Rawlins County.....	June 1-30.....	1		
Reno County.....	Apr. 1-June 30.....	23	3	
Riley County.....	Apr. 1-May 31.....	5		
Rush County.....	Apr. 1-30.....	3		
Saline County.....	Apr. 1-Aug. 31.....	22		
Scott County.....	Apr. 1-May 31.....	5		
Sedwick County.....	Apr. 1-May 31.....	7		
Wichita.....	Apr. 1-July 31.....	52		
Seward County.....	May 1-31.....	2		
Shawnee County.....	June 1-30.....	1		
Topeka.....	July 1-31.....	7		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Sheridan County.....	Apr. 1-30.....	1		
Sherman County.....	May 1-31.....	1		
Stafford County.....	June 1-July 31.....	4		
Sumner County.....	May 1-Sept. 30.....	5		
Thomas County.....	Apr. 1-May 31.....	2	1	
Trego County.....	June 1-30.....	1		
Wallace County.....	June 1-30.....	1		
Wyandotte County.....	Apr. 1-30.....	4		
Kansas City.....	Apr. 1-Aug. 31.....	59		
Total for State.....		773	8	
*Kentucky:				
Covington.....	June 26-July 2.....	1		
Total for State.....		1		
*Louisiana:				
Avoyelles Parish.....	June 1-30.....	12		The last report received from the Louisiana State board of health was for the month of June.
Calcasieu Parish.....	June 1-30.....	2		
Iberia Parish.....	June 1-30.....	19		
Orleans Parish.....	June 1-30.....			
New Orleans.....	June 12-Dec. 3.....	129	1	
St. John the Baptist Parish.....	June 1-30.....	10		
St. Tammany Parish.....	June 1-30.....	2		
Tangipahoa Parish.....	June 1-30.....	25		
Vermilion Parish.....	June 1-30.....	30		
Total for State.....		229	1	
Maine.....				
Biddeford.....	June 1-Oct. 31.....			No cases.
Mapleton.....	May 1-31.....	1		
	Nov. 12.....	1		
Total for State.....		2		
Maryland.....				
Allegany County—	Aug. 1-Nov. 30.....			No cases reported.
Cumberland.....	May 1-July 31.....	2		
Total.....		2		
Massachusetts.....				
Middlesex County.....	Aug. 1-Oct. 31.....			No cases.
Suffolk County.....	July 1-31.....	1		
	June 1-July 31.....	8		
Total of State.....		9		
Michigan:				
St. Clair County.....	May 1-31.....	43		Reported out of date.
Alcona County.....	June 1-30.....	1		
Arenac County.....	June 1-30.....	2		
Baraga County.....	Aug. 1-31.....	5		
Bay County.....	June 1-Oct. 31.....	11	2	
Benzie County.....	Sept. 1-Oct. 31.....	3		
Berrien County.....	July 1-Aug. 31.....	2		
Charlevoix County.....	Oct. 1-31.....	4		
Cheboygan County.....	June 1-Oct. 31.....	35		
Clare County.....	June 1-July 31.....	12		
Crawford County.....	Oct. 1-31.....			Estimated 12 to 13 cases.
Emmet County.....	Aug. 1-Sept. 30.....	7		
Eaton County.....	June 1-30.....	7		
Genesee County.....	June 1-Oct. 31.....	59		
Grand Traverse County.....	July 1-Aug. 31.....	6		
Gratiot County.....	June 1-Oct. 31.....	13		
Houghton County.....	June 1-30.....	3		
Huron County.....	June 1-July 31.....	12		
Ingham County.....	June 1-Aug. 31.....	10		
Ionia County.....	June 1-Aug. 31.....	7		
Isabella County.....	June 1-Oct. 31.....	5		
Kalamazoo County.....	June 1-July 31.....	8		
Kent County.....	June 1-30.....	17		
Keweenaw County.....	July 1-31.....	1		
Lake County.....	Oct. 1-31.....	1		
Lapeer County.....	June 1-Oct. 31.....	18	1	
Livingston County.....	June 1-Oct. 31.....	18		
Manistee County.....	June 1-Sept. 30.....	13	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Marquette County.....	June 1-30.....	1		
Mason County.....	June 1-Aug. 31.....	11		
Mecosta County.....	June 1-Aug. 31.....	7		
Midland County.....	June 1-July 31.....	11		
Missaukee County.....	June 1-Oct. 31.....	17		
Monroe County.....	June 1-30.....	2		
Montcalm County.....	July 1-31.....	1		
Muskegon County.....	June 1-30.....	2		
Newaygo County.....	June 1-30.....	2		
Osceola County.....	June 1-Sept. 30.....	7		
Ottawa County.....	June 1-30.....	1		
Roscommon County.....	June 1-30.....	4		
Saginaw County, exclusive of Saginaw.....	June 1-Oct. 31.....	47		
Saginaw.....	Oct. 1-31.....	70	19	
St. Clair County.....	June 1-Aug. 31.....	55		
Sanilac County.....	June 1-July 31.....	3		
Shiawassee County.....	June 1-Aug. 31.....	54		
Tuscola County.....	June 1-Aug. 31.....	23		
Wayne County.....	June 1-Oct. 31.....	20		
Total for State.....		661	23	
Minnesota, general.				
Pope County.....	Nov. 1-30.....		1	
Rice County.....	Apr. 1-30.....		1	
Beltrami County.....	Mar. 1-31.....		1	} Received out of date.
Blue Earth County.....	May 26-June 5.....	4		
Brown County.....	June 6-12.....	1		
Carver County.....	Aug. 1-7.....	1		
Clay County.....	June 13-July 10.....	2		
Douglas County.....	Nov. 21-27.....	1		
Faribault County.....	Nov. 1-30.....	3		
Hennepin County.....	May 26-Aug. 14.....	3		
Kittson County.....	May 26-Nov. 20.....	74		
Koochiching County.....	June 6-Nov. 6.....	1		
Lesueur County.....	May 26-June 5.....	6		
Meeker County.....	June 13-19.....	32		
Mower County.....	June 6-12.....	1		
Nicollet County.....	July 11-Nov. 20.....	8		
Ottertail County.....	Aug. 12-18.....	1		
Ramsey County.....	Nov. 20-27.....	3		
Renville County.....	June 13-Nov. 27.....	50		
Rice County.....	June 6-12.....	1		
St. Louis County.....	May 26-July 10.....	2		
Stearns County.....	May 26-Aug. 28.....	13	1	
Steele County.....	June 20-26.....	1		
Todd County.....	June 6-19.....	2		
Wabasha County.....	Oct. 24-Nov. 27.....	5		
Washington County.....	June 13-26.....	2		
Watsonwan County.....	Sept. 11.....	1		
Wright County.....	Sept. 5-11.....	1		
	July 4-Oct. 23.....	3		
Total for State.....		224	4	
*Mississippi:				
Gulfport.....	Nov. 24-30.....	2	1	
Marshall County.....	Sept. 25-Oct. 1.....	1		
Natchez.....	July 24-30.....	5		
Yazoo City.....	Sept. 25-Oct. 1.....	1		
Total for State.....		9	1	
*Missouri:				
Andrew County.....	June 26-Oct. 8.....	11		
Kansas City.....	May 15-Oct. 31.....	47		
St. Louis.....	June 12-Nov. 26.....	11		
Total for State.....		69		
Montana:				
Beaverhead County.....	June 1-Sept. 30.....	2		
Cascade County.....	June 1-30.....	1		
Custer County.....	Apr. 1-30.....		1	
Dawson County.....	June 1-Aug. 31.....	14		
Fergus County.....	June 1-July 31.....	8		
Flathead County.....	June 1-30.....	1		
Meagher County.....	June 1-30.....	1		
Park County.....	June 1-Aug. 31.....	2		
Rosebud County.....	June 1-Aug. 31.....	4		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Montana—Continued.				
Silver Bow County.....	June 1–Oct. 31.....	19	.....
Butte.....	June 1–Oct. 31.....	67	.....
Teton County.....	July 1–31.....	2	.....
Yellowstone County.....	June 1–30.....	2	.....
Total for State.....		123	1	
* Nebraska:				
Lincoln.....	Apr. 1–July 31.....	31	.....
South Omaha.....	June 1–30.....	3	.....
Total for State.....		34	.....
New Hampshire.....	Mar. 1–Oct. 31.....	.....	.....	No cases.
New Jersey:				
Cumberland County.....	June 1–Aug. 31.....	7	.....
Total for State.....		7	.....
New York, general.				
Erie County—	June 1–Sept. 30.....	63	3	
Buffalo.....	May 1–31.....	1	.....
Tonawanda Township.....	May 1–31.....	2	.....
Niagara County—				
Niagara Falls.....	May 1–31.....	1	.....
North Tonawanda.....	May 1–31.....	1	.....
St. Lawrence County.....	May 1–31.....	19	.....
Schenectady County.....	May 1–31.....	2	.....
Total for State.....		89	3	
North Carolina:				
Forsyth County.....	Feb. 1–28.....	.....	1	Received out of date.
Rowan County.....	Feb. 1–28.....	.....	1	
Alamance County.....	Mar. 1–July 31.....	42	.....
Alexander County.....	Mar. 1–June 30.....	75	.....
Anson County.....	Apr. 1–July 31.....	11	.....
Ashe County.....	Mar. 1–31.....	12	.....
Beaufort County.....	Mar. 1–Oct. 31.....	9	.....
Bladen County.....	Apr. 1–July 31.....	29	.....
Brunswick County.....	July 1–31.....	2	.....
Buncombe County.....	June 1–July 31.....	2	.....
Cabarrus County.....	Mar. 1–July 31.....	16	.....
Caldwell County.....	Mar. 1–Sept. 30.....	14	1	
Catawba County.....	Mar. 1–June 30.....	42	.....
Chatham County.....	Mar. 1–July 31.....	19	.....
Chowan County.....	Mar. 1–31.....	3	.....
Cleveland County.....	June 1–30.....	.....	.....	Few cases.
Columbus County.....	Apr. 1–Oct. 31.....	39	.....
Craven County.....	Mar. 1–31.....	1	.....
Cumberland County.....	Sept. 1–Oct. 31.....	4	.....
Currituck County.....	Mar. 1–June 30.....	23	.....
Davidson County.....	Mar. 1–July 31.....	15	.....
Davie County.....	Mar. 1–31.....	8	.....
Durham County.....	Mar. 1–Sept. 30.....	34	.....
Edgecombe County.....	June 1–Oct. 31.....	41	.....
Forsyth County.....	Mar. 1–Aug. 31.....	29	.....
Franklin County.....	Mar. 1–Sept. 30.....	17	.....
Gaston County.....	Mar. 1–July 31.....	14	2	
Graham County.....	Mar. 1–Apr. 30.....	8	.....
Greene County.....	Mar. 1–June 30.....	20	.....
Gulford County.....	Mar. 1–Aug. 31.....	69	.....
Halifax County.....	Mar. 1–31.....	40	.....
Haywood County.....	July 1–Aug. 31.....	10	.....
Henderson County.....	May 1–June 30.....	6	.....
Hertford County.....	Mar. 1–31.....	1	.....	Several cases in May. Several cases in March.
Iredell County.....	June 1–July 31.....	26	.....
Johnston County.....	Apr. 1–May 31.....	4	.....
Jones County.....	Mar. 1–31.....	1	.....
Lee County.....	Mar. 1–June 30.....	6	.....
Lenoir County.....	Mar. 1–June 30.....	19	.....
Lincoln County.....	Mar. 1–July 31.....	4	.....
Madison County.....	Apr. 1–30.....	5	.....
Martin County.....	Apr. 1–Oct. 31.....	8	.....
Mecklenburg County.....	Mar. 1–Aug. 31.....	36	.....
Mitchell County.....	Aug. 1–Sept. 30.....	.....	.....	Present.
Montgomery County.....	Mar. 1–Aug. 31.....	34	.....
Nash County.....	Mar. 1–Aug. 31.....	56	.....
New Hanover County.....	Mar. 1–Oct. 31.....	67	.....
Onslow County.....	Mar. 1–May 31.....	5	.....

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Orange County	Mar. 1-Oct. 31	52		
Pamlico County	Mar. 1-Aug. 31	6		
Pender County	Aug. 1-Sept. 30	8		
Perquimans County	May 1-Oct. 31	8		
Person County	May 1-July 31	7		
Pitt County	Mar. 1-Oct. 31	136		
Polk County	Mar. 1-31	7		
Richmond County	Apr. 1-30	2		
Robeson County	Apr. 1-Oct. 31	53		
Rockingham County	Mar. 1-31	48		
Rowan County	Mar. 1-July 31	45	1	
Sampson County	May 1-Sept. 30	4		
Scotland County	May 1-Oct. 31	8		
Stanly County	Apr. 1-July 31	35		
Stokes County	Mar. 1-31	64		
Surry County	Mar. 1-31	4		
Union County	Mar. 1-Oct. 31	42		
Vance County	Apr. 1-30	4		
Wake County	Apr. 1-May 31	22		
Warren County	Apr. 1-Aug. 31	28		
Washington County	Mar. 1-Apr. 30	4		
Watauga County	Apr. 1-Aug. 31	36		
Wayne County	Apr. 1-May 31	6		
Wilkes County	Mar. 1-July 31	39		
Wilson County	Mar. 1-June 30	25	1	
Yancey County	Mar. 1-31	26		
Total for State		1,665	7	
North Dakota:				
Bottineau County	Oct. 1-31	2	1	
Bowman County	Aug. 1-31	37		
Cass County	June 1-Nov. 30	9		
Cavalier County	June 1-30	1		
Grand Forks County	June 1-10	4		
Logan County	June 1-30	1		
McKenzie County	June 1-30	1		
Morton County	July 1-31	4		
Nelson County	Oct. 1-31	1		
Pierce County	June 1-30	1		
Stark County	July 1-31	1		
Steele County	Sept. 1-30	1		
Stutsman County	Aug. 1-31	1		
Traill County	June 1-30	6		
Ward County	June 1-Nov. 30	8		
Total for State		78	1	
Ohio:				
Allen County	June 1-30	3		
Athens County	July 1-31	1		
Butler County	June 1-July 31	4		
Clarke County	July 1-31	3		
Clinton County	June 1-30	10		
Columbiana County	June 1-July 31	6		
Cuyahoga County	June 1-July 31	16	1	
Fairfield County	June 1-30	1		
Franklin County	June 1-Sept. 30	12		
Hamilton County	June 1-Sept. 30	2		
Hancock County	July 1-31	4		
Hocking County	June 1-July 31	26		
Jackson County	Sept. 1-30	3		
Jefferson County	July 1-31	1		
Lucas County	June 1-Sept. 30	8		
Madison County	Oct. 1-31	7		
Mahoning County	July 1-31	1		
Marion County	July 1-31	1		
Perry County	June 1-30	1		
Pickaway County	June 1-30	1		
Portage County	June 1-30	7		
Ross County	June 1-Sept. 30	74		
Seneca County	July 1-Oct. 31	4		
Scioto County	June 1-30	2		
Stark County	June 1-Oct. 31	30		
Summit County	July 1-31	5		
Wayne County	June 1-30	2		
Wood County	June 1-30	2		
Total for State		237	1	

Few cases in June.

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Oklahoma, general	Jan. 1-31		1	
Alfalfa County	June 1-30	1		
Atoka County	Apr. 1-July 31	66		
Beckham County	Apr. 1-May 31	12		
Blaine County	Apr. 1-May 31	9		
Bryan County	Apr. 1-Oct. 31	51		
Caddo County	July 1-Sept. 30	11		
Canadian County	Apr. 1-July 31	53	4	
Cherokee County	June 1-July 31	13		
Choctaw County	Apr. 1-June 30	4		
Cleveland County	Sept. 1-Oct. 31	5		
Coal County	June 1-Sept. 30	13		
Comanche County	Apr. 1-May 31	24	4	
Custer County	Apr. 1-July 31	36		
Delaware County	Apr. 1-30	1		
Dewey County	June 1-30	10		
Garfield County	Apr. 1-Oct. 31	4		
Garvin County	May 1-31	1		
Grady County	Apr. 1-Sept. 30	42	19	
Greer County	Apr. 1-30	8		
Harmon County	Apr. 1-July 31	64		
Haskell County	Apr. 1-May 31	10		
Hughes County	Apr. 1-July 31	107		
Jackson County	July 1-Oct. 31	3		
Jefferson County	Apr. 1-Sept. 30	6	1	
Johnston County	Apr. 1-30	4		
Kay County	Apr. 1-Oct. 31	20		
Kiowa County	Apr. 1-May 31	2		
Le Flore County	July 1-31	2		
Lincoln County	Apr. 1-May 31	5		
McLain County	Apr. 1-July 31	30		
McIntosh County	Apr. 1-Sept. 30	65	2	
Marshall County	Sept. 1-Oct. 31	8		
Murray County	June 1-July 31	3		
Muskogee County	Apr. 1-June 30	12		
Noble County	Apr. 1-July 31	15	2	
Nowata County	June 1-July 31	15		
Oklfuskee County	Sept. 1-30	5		
Oklahoma County	Apr. 1-Oct. 31	23	6	
Okmulgee County	Apr. 1-July 31	6		
Payne County	Apr. 1-July 31	25		
Pawnee County	Apr. 1-May 31	5		
Pittsburg County	Apr. 1-July 31	62	2	
Pontotoc County	Apr. 1-June 30	169		
Pottawatomie County	Apr. 1-30	16	2	
Pushmataha County	June 1-Sept. 30	9		
Rogers County	June 1-30	1		
Seminole County	Apr. 1-Aug. 31	19		
Sequoyah County	Aug. 1-31	1		
Stephens County	Apr. 1-30	25		
Texas County	Apr. 1-May 31	33		
Tillman County	Sept. 1-30	7		
Tulsa County	Apr. 1-Sept. 30	36	1	
Wagoner County	Apr. 1-July 31	2	1	
Washington County	Apr. 1-June 30	5		
Washita County	Apr. 1-May 31	2		
Woodward County	Sept. 1-30	1		
Total for State		1,187	45	
Oregon:				
Baker County	May 1-31	1		
Benton County	May 1-31	2		
Jackson County	Sept. 1-30	1		
Linn County	June 1-30	2		
Multnomah County	Apr. 1-Sept. 30	21		
Umatilla County	May 1-31	1		
Union County	May 1-31	2		
Wasco County	Apr. 1-30	2		
Washington County	Apr. 1-June 30	3		
Yamhill County	Apr. 1-June 30	15		
Total for State		50		
Pennsylvania, general	Apr. 1-30		2	
	May 1-Sept. 30	62	4	
Total for State		62	6	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
*South Carolina:				
Charleston.....	June 1-July 31....	28	.....
Total for State.....		28	.....
*Tennessee:				
Benton County—				
Camden.....	July 1-7.....	2	.....
Davidson County—				
Nashville.....	June 12-July 9....	2	.....
Hamilton County—				
Chattanooga.....	June 12-Oct. 8....	5	.....
Knox County—				
Knoxville.....	June 12-July 16....	8	.....
Shelby County exclusive of	May 1-Oct. 31....	52	.....
Memphis.....				
Memphis.....	June 12-Oct. 15....	9	.....
Total for State.....		78	.....
Texas, general.....	Apr. 1-July 31....	881	27	
Total for State.....		881	27	
Utah, general.....	Mar. 1-31.....	112	.....	Report received out of date.
Beaver County.....	Oct. 1-31.....	1	.....
Boxelder County.....	May 1-31.....	1	.....
Cache County.....	May 1-31.....	6	.....
Davis County.....	May 1-July 31....	43	.....
Iron County.....	Oct. 1-31.....	2	.....
Junab County.....	June 1-July 31....	3	.....
Salt Lake County.....	May 1-Oct. 31....	52	1	
Utah County.....	May 1-Oct. 31....	56	.....
Wasatch County.....	Aug. 1-31.....	1	.....
Washington County.....	Oct. 1-31.....	7	.....
Weber County.....	May 1-Oct. 31....	28	.....
Total for State.....		312	1	
*Virginia:				
Alexandria.....	Aug. 25.....	.....	.....	One case from the schooner <i>Persis</i> A. Colwell, from Gaspe, Que- bec.
Lynchburg.....	June 12-18.....	1	.....
Total for State.....		1	.....
Washington, general.....	Feb. 1-Mar. 31....	.....	4	Reports for April and May re- ceived out of date.
Adams County.....	Apr. 1-June 30....	11	.....
Asotin County.....	Apr. 1-30.....	1	.....
Chehalis County.....	June 1-30.....	3	.....
Chelan County.....	Apr. 1-June 30....	2	.....
Clarke County.....	Apr. 1-May 31....	5	.....
Clallam County.....	May 1-31.....	.....	4	
Cowlitz County.....	May 1-31.....	1	.....
King County.....	Apr. 1-May 31....	2	.....
Seattle.....	Apr. 1-May 31....	20	.....
Kitsap County.....	Apr. 1-30.....	15	.....
Kittitas County.....	May 1-31.....	4	.....
Lincoln County.....	Apr. 1-May 31....	2	.....
Okanogan County.....	May 1-31.....	.....	2	
Pierce County—				
Tacoma.....	Apr. 30-Oct. 31....	8	.....
Skagit County.....	July 1-Oct. 31....	4	.....
Skamania County.....	Apr. 1-30.....	4	.....
Snohomish County.....	Apr. 1-30.....	1	.....
Everett.....	June 1-30.....	5	.....
Spokane County.....	July 1-31.....	2	.....
Spokane.....	Apr. 1-Sept 30....	62	.....
Stevens County.....	May 1-31.....	1	.....
Thurston County.....	Aug. 1-31.....	1	.....
Walla Walla County.....	Apr. 1-Oct. 31....	2	.....
Whatcom County.....	Apr. 1-May 31....	17	.....
Whitman County.....	Apr. 30-July 31....	16	.....
Yakima County.....	May 1-Aug. 31....	10	1	
Total for State.....		199	11	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin:				
Ashland County.....	June 1-Aug. 31....	17	.....
Barron County.....	June 1-30.....	1	.....
Brown County.....	July 1-31.....	5	.....
Douglas County.....	June 1-July 31....	3	.....
Dunn County.....	July 1-31.....	1	.....
Eau Claire County.....	June 1-July 31....	4	.....
Florence County.....	June 1-30.....	4	.....
Fond du Lac County.....	July 1-31.....	1	.....
Grant County.....	Sept. 1-30.....	1	.....
Greene County.....	Sept. 1-Oct. 31....	5	.....
Iowa County.....	Sept. 1-Oct. 31....	1	.....
Kenosha County.....	July 1-31.....	1	.....
Lafayette County.....	June 1-30.....	1	.....
La Crosse County.....	June 1-Oct. 31....	3	.....
Milwaukee County.....	July 1-Oct. 31....	16	.....
Pierce County.....	July 1-31.....	1	.....
Polk County.....	July 1-Aug. 31....	6	.....
Rock County.....	Oct. 1-31.....	1	.....
Rush County.....	June 1-30.....	1	.....
St. Croix County.....	July 1-31.....	5	.....
Sawyer County.....	June 1-Sept. 30....	11	.....
Waupaca County.....	June 1-Sept. 30....	5	.....
Winnebago County.....	July 1-31.....	1	.....
Total for State.....		105		
Grand total for the United States.....		8,249	148	

CHOLERA IN THE UNITED STATES.

Reports Received from September 26 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
New York:				
New York.....	Sept. 26-29.....	1	1	Case in immigrant removed at quarantine from s. s. Germania from Marseille and Naples.
	Nov. 17.....	1	.....	Removed at quarantine from s. s. San Giorgio from Naples and Palermo.

PLAGUE IN THE UNITED STATES.

Reports Received from June 25 to December 16, 1910.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Benito County— Hollister.....	June 5-11.....	1	1	
Santa Clara County— San Jose.....	Sept. 5.....	1	.....	Sickened Aug. 23, 1910.

MORBIDITY AND MORTALITY.

WEEKLY MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED DECEMBER 3.

[For smallpox and plague see special tables.]

Cities.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	13			1		2		7	1				
Ann Arbor, Mich.	4								1				
Ashtabula, Ohio.	7										3		
Auburn, N. Y.	11							2					
Aurora, Ill.	10												
Baltimore, Md.	192	23	22	52	6	37	3	21	2	39		2	
Bayonne, N. J.						2		8	2	3			
Beaver Falls, Pa.	0			1								2	
Bedford, Ind.	1	1		6	1								
Bennington, Vt.	3					1		2					
Berkeley, Cal.	7		1	2									
Biddeford, Me.	17		2		1	3		2	1				
Binghamton, N. Y.	16	1	3					2		4			
Boston, Mass.	219	59	25	15		31		47		27	1	15	6
Braddock, Pa.				3				2					
Bridgeport, Conn.	29	7	6					3		1			
Brockton, Mass.	12	5		1	1	1				23			
Buffalo, N. Y.	138	20	13	11	1	51	3	53	9	5	1	16	1
Butler, Pa.	3							1					
Cambridge, Mass.	29	7	5	2		9		2		6			
Cambridge, Ohio.	4		2	5						1			
Camden, N. J.		1		2	1	1	1	12	1	17			
Camden, S. C.	0												
Canton, Ohio.	17		2			1							
Carbondale, Pa.	3					2		2					
Charlotte, N. C.	8	1	1	2		1		2					
Chattanooga, Tenn.				1		5		1					
Chelsea, Mass.	14	2	1	1	3	3		2					
Chicago, Ill.	651	154	63	56	8	122	5	382	18	80	1	8	
Chicopee, Mass.	5			2				1					
Cincinnati, Ohio.	118	32	12	3		24		16	2	3			
Cleveland, Ohio.	139	39	17	13	4	34		42		2		8	1
Clinton, Mass.	2							1					
Coffeyville, Kans.	2	1		3		2							
Columbus, Ind.	3			2									
Concord, N. H.	14							2					
Council Bluffs, Iowa.	11		1	2		1							
Covington, Ky.	18		3	1		9		4	1				
Cumberland, Md.	12			16	2								
Danville, Ill.	9	3	2			3		1					
Dayton, Ohio.	38		4	1		5		1		1			
Detroit, Mich.	154					18		29					
Dubuque, Iowa.								1					
Duluth, Minn.	24	3	3	5	2	15		4		1			
Dunkirk, N. Y.	5	1		3		6	2	1		7		2	
Elizabeth, N. J.	22		2	2				5	1				
Elmira, N. Y.	5	12						3					
El Paso, Tex.	21	7	8	1	1			2					
Elyria, Ohio.	6					2							
Erie, Pa.	20	4	2	3	1	21	1	2		1		4	
Evansville, Ind.	17	10	3	3				2					
Everett, Mass.	7	1				1		1		1			
Fall River, Mass.	37	12	3	3	1	2		4	1			5	
Freeport, Ill.	7	1						1					
Galesburg, Ill.	11					4		6	1	6			
Gloucester, Mass.	7												
Grand Rapids, Mich.	34		4	1	2	4		1		134		1	
Greensboro, N. C.	5		1										
Harrison, N. J.	2					1		2	1				
Hartford, Conn.	35	1	1	3	1	5	2	8	1	2		2	
Haverhill, Mass.	24	4	2					11					
Hoboken, N. J.		1	1			2		5		3			
Houston, Tex.	20		3					1					
Hyde Park, Mass.	3									8			
Jacksonville, Fla.	19		4										
Johnstown, Pa.	21	1	4	7	1	3		3					
Kalamazoo, Mich.	11			2		6		1		79		1	
Kansas City, Kans.	34		2	4	2	5		9		3			
Kearny, N. J.	5	2	1	1						15			

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended
December 3—Continued.

Cities.	Total deaths from all causes.	Tuber- culosis.		Ty- phoid fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kingston, N. Y.	5		1										
Knoxville, Tenn.	17		2		1	1				69			
Kokomo, Ind.	3							2					
La Crosse, Wis.	6		2			3	1						
La Fayette, Ind.	6		1					1					
Lancaster, Pa.	23	1		1				2				4	
Lawrence, Mass.	18	3	2	2		4		3	1				
Lebanon, Pa.	7			1				5					
Lexington, Ky.	19		4		1	2							
Los Angeles, Cal.	87	6	12	10	4	12		13	1	1		7	
Lowell, Mass.	40	2	4	2	1	12		9					
Lynchburg, Va.		1				6		3					
Lynn, Mass.	21			1		7		7	1	6			
Manchester, N. H.	33	1	1					7	2				
Manitowoc, Wis.	4												
Marinette, Wis.	4				1	1		2					
Marlboro, Mass.	3												
Massillon, Ohio.	6				1								
Medford, Mass.	3	1								1			
Melrose, Mass.	1												
Milwaukee, Wis.	101	16	4	11	3	45	1	29	5	6		3	
Moline, Ill.	2												
Montclair, N. J.	6	3				1		1		3	1		
Montgomery, Ala.	20	1	1	1	2	4							
Morristown, N. J.	5			1		2		9	2				
Mount Vernon, N. Y.	3					3		1		3		1	
Nanticoke, Pa.	4				2	2							
Nashville, Tenn.	40	4	2	4	1	5		2	1	4			
Newark, N. J.	115	13	19			20		45	4				
New Bedford, Mass.	38	6	3	2		4		3	2	1			
Newburyport, Mass.	5							4	1				
New Orleans, La.	143	33	21	4	2	22		16		25	1		
Newport, Ky.	4	2	2					2					
Newton, Mass.	11					1							
New York, N. Y.	1,385	635	139	54	15	224	10	258	24	140	4	41	4
Niagara Falls, N. Y.	6	2	2	2				4					
Norristown, Pa.	10	4	1									14	
North Adams, Mass.	5		1	1		2				5		5	
Northampton, Mass.	6	1				1				1			
Oakland, Cal.	36	6	3			2		4	1				
Orange, N. J.	5	1						2		3			
Ottumwa, Iowa.	7												
Paducah, Ky.	8		1										
Palmer, Mass.	2							2					
Pekskill, N. Y.	2			15		9		1					
Philadelphia, Pa.	546	103	52	21	2	42	3	94	15	71	2	17	1
Pittsburg, Pa.	177	22	16	8	3	25	8	28	1	9	1	24	2
Pittsfield, Mass.	3					1		1		42		2	
Plainfield, N. J.	4	3	2	1		2		1					
Portsmouth, N. H.								2					
Portsmouth, Va.	10							2					
Pottstown, Pa.	7					1		2				2	
Providence, R. I.	64	14	8			10		7	1	1			
Reading, Pa.	30		1	8	2	3		5	1	6		2	
Rock Island, Ill.	4	2	1	1		1		4					
Rutland, Vt.	8											4	
St. Louis, Mo.	204	29	20	7	3	44	4	30	1	56		1	
Salt Lake City, Utah.	33			4	2	6	1	16		4			
San Antonio, Tex.	5		5	2				2					
San Francisco, Cal.	120	27	18	10	3	5		9	1	14		4	1
Saratoga Springs, N. Y.	2												
Schenectady, N. Y.	15	5	5	2		2		4					
Seattle, Wash.	29	6	3	10	1			6		28		1	
Somerville, Mass.	19	1	1	1		3		5		2			
South Bend, Ind.	13	1	1					1					
South Bethlehem, Pa.	8	2				1		1					
Spokane, Wash.	21			1	1	2		4		2			
Springfield, Mass.	22	2	2	3		1		5	1				
Steelton, Pa.	4					1		3					
Superior, Wis.	7			2		2		5					
Tacoma, Wash.	26			6		1		22	1				

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended December 3—Continued.

Cities.	Total deaths from all causes.	Tuberculosis.		Typhoid fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Taunton, Mass.	8	2				1							
Terre Haute, Ind.	19		1		1	8		6		1		3	1
Toledo, Ohio.	47		2	7	1	5		2		3			
Topeka, Kans.	1	1				3		8					
Trenton, N. J.	4	10	2	3	1	7		8	1				
Waltham, Mass.	4	3		1		2		2	1	1		2	
Warren, Ohio.	1												
Washington, D. C.	126	18	12	14	4	8		7	2	1		1	
Wichita, Kans.	21					1		3		1			
Williamsport, Pa.	12							2					
Wilmington, Del.	22		1						1				
Woburn, Mass.						1				1			
Worcester, Mass.	41	7	2	1		2		16	1	5		6	
Yonkers, N. Y.	17	5	4	1		1		3	1	2			
York, Pa.				6		1		7		1		1	

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

NEBRASKA—Lincoln.—Month of September, 1910. Population 50,000. Total number of deaths from all causes 41, including typhoid fever 3, tuberculosis 5. Cases reported: Scarlet fever 2, diphtheria 2.

Month of October, 1910. Total number of deaths 35, including typhoid fever 1, tuberculosis 4. Cases reported: Smallpox 2, measles 2, scarlet fever 5, diphtheria 3.

NEW YORK—Rochester.—Month of October, 1910. Population 118,000. Total number of deaths from all causes 280, including typhoid fever 6, scarlet fever 1, diphtheria 4, tuberculosis, pulmonary, 23. Cases reported: Typhoid fever 76, measles 14, scarlet fever 17, diphtheria 10.

NORTH CAROLINA.—Month of September, 1910. Reports from the State board of health show typhoid fever present in 72 counties, smallpox in 12 counties, measles in 9 counties, scarlet fever in 36 counties, diphtheria in 64 counties, malarial fever in 23 counties, pernicious malarial fever in 6 counties, hemorrhagic malarial fever in 6 counties, pellagra in 3 counties, hookworm in 1 county.

OKLAHOMA.—Month of October, 1910. Population 1,681,584. Total number of deaths from all causes 745, including typhoid fever 91, smallpox 3, scarlet fever 1, diphtheria 31, tuberculosis 48. Cases reported: Typhoid fever 619, smallpox 46, scarlet fever 98, diphtheria 224, tuberculosis 80.

SOUTH CAROLINA—Charleston.—Month of November, 1910. Population 58,833. Total number of deaths from all causes 136, including

typhoid fever 2, pellagra 2, poliomyelitis 1, diphtheria 1, tuberculosis 16. Cases reported: Typhoid fever 11, scarlet fever 10, diphtheria 12.

UTAH.—Month of October, 1910. Population 346,873. Total number of deaths from all causes 288, including typhoid fever 24, measles 1, scarlet fever 3, diphtheria 7, tuberculosis 8. Cases reported: Typhoid fever 322, smallpox 35, measles 8, scarlet fever 189, diphtheria 74, tuberculosis (incomplete) 8.

VIRGINIA—*Petersburg*.—Month of November, 1910. Population 30,000. Total number of deaths from all causes 56, including tuberculosis 7. Cases reported: Typhoid fever 10, diphtheria 20, tuberculosis 4.

WISCONSIN.—Months of July, August, and September, 1910. Population 2,228,969. Total number of deaths from all causes 7,107, including typhoid fever 128, measles 23, scarlet fever 55, diphtheria 77, tuberculosis 545. Cases reported: Typhoid fever 677, smallpox 54, measles 728, scarlet fever 782, diphtheria 614, tuberculosis, pulmonary, 380.

FOREIGN AND INSULAR.

AUSTRALIA.

SYDNEY—Examination of Rats for Plague Infection.

The following information is taken from bulletins issued by the department of health of New South Wales:

During the month of October, 1910, there were destroyed 6,793 rats, of which number 2,188 were examined for plague infection. No plague-infected rats were found.

The last case of human plague at Sydney was reported May 29, 1909. The last plague-infected rat was found April 25, 1910.

CEYLON.

COLOMBO—Quarantine and Disinfection System.

Consul Magelssen reports, November 12:

The system of quarantine and disinfection in operation at the port of Colombo is thorough, and the fact that although Ceylon is situated in the center of the plague area of the East not one case has occurred since the system was introduced some years ago speaks well for its efficiency. The department is under the Government and is directly controlled by the plague committee, the executive officer being the port surgeon.

When actual cases of disease are found on board a vessel, the cost of isolation of passengers must be guaranteed by the companies' agents, but disinfection, both personal and of effects, is performed without charge of any sort.

In the event of an actual case of serious infectious disease other than plague on board a vessel, the patient is at once landed, a report made to the chairman of the plague committee by the port surgeon, and subsequent action taken in accordance with the orders of that body. No case of plague, however, is allowed to be landed, and any vessel having on board a person infected with this disease is sent on to Galle or Trincomalee, where special arrangements exist for the isolation of such patients.

In the case of vessels without sickness on board but coming from infected ports and arriving at Colombo before the expiration of the quarantine period, a very thorough system of disinfection is practiced. The quarantine period which must elapse between a vessel's clearing from an infected port and being considered officially clean by the authorities at Colombo varies with different diseases; in the case of cholera it is 5 days, while with plague and smallpox it is 10 and 18 days, respectively.

In the event of such a vessel coming into Colombo before the expiration of the quarantine period, it is first inspected by the port surgeon, and after he has passed the vessel as free from actual disease, the first and second class passengers are at liberty to land at once,

their personal effects being sent for disinfection. Third class and deck passengers are not permitted to land in Colombo from such vessel unless guaranteed by some responsible person in the town or unless they have themselves deposited with the chairman of the plague committee a security for their compliance with the regulations. If not so guaranteed or if no deposit is made they are either detained on the vessel or are sent to the observation camp at Ragama (about 10 miles from Colombo), the expenses of isolation being guaranteed to the Government by the ship's agents. In the event of their being permitted to land, personal disinfection by means of baths is insisted upon, and they are subsequently required to report daily to the port surgeon until the quarantine period has expired. Coal and cargo coolies working on board clean vessels are subject to personal disinfection before being permitted ashore.

Although personal disinfection is confined to third-class passengers and natives, disinfection of personal effects is insisted upon in all cases irrespective of class. The disinfection is accomplished by means of superheated steam; metal labels are attached to each bundle, and a corresponding receipt is given to the owner who can remove his belongings from the port surgeon's office 6 hours after they have been taken from the vessel.

The disinfecting station, which is situated at the foot of the breakwater, is a large one-story building constructed of concrete, and consists of a disinfecting room, dressing and bath rooms for third-class passengers, others for first and second class passengers—who under exceptional circumstances must occasionally undergo personal disinfection—and a large open court in which are situated long metal troughs raised on trestles which are used for the personal disinfection of coolies. This court is surrounded by a veranda under which the coolies can dress and undress and sit until the disinfection of their personal attire is completed.

The actual disinfecting plant consists of a steam sterilizer working under a pressure of about 4 atmospheres. The material is placed in a wire trough or cradle, which fits inside the body of the sterilizer. The process takes from 20 to 30 minutes, and the disinfected linen is removed by a second door opening not into the disinfecting room but into a small antechamber adjoining.

No very complete statistics are available, but the figures which can be obtained give a fair indication of the activity of this department.

For the year 1909 the figures are as follows:

Number of natives and deck passengers submitted to personal disinfection: Cargo coolies, 37,867; coal coolies, 24,752; tally clerks, 5,969; deck passengers, 11,938; total, 80,526.

The personal clothing of all is disinfected. The quantity of ship's linen and clothing belonging to passengers not landing at Colombo amounted to approximately 15,960 bundles. There are no figures published relating to the linen of passengers landing at Colombo.

There is a fumigating apparatus upon one of the harbor tugs, which is used, though not very frequently, for the complete disinfection of ships in dock.

Finally, all coal and cargo lighters, which are under the supervision of an inspector, are periodically disinfected and their bilges thoroughly cleansed.

CHINA.

HONGKONG—Leper Segregation.

Acting Asst. Surg. Hough reports, November 11:

An ordinance enacted by the legislative council of Hongkong, September 21, 1910, providing for the segregation and treatment of lepers, authorizes the governor in council to establish leper asylums from time to time and in such localities as he may see fit, and confirms the establishment of the leper asylum now existing at Au Tau. The ordinance allows lepers detained in asylums to build separate dwellings for their own use and at their own expense within the limits of the asylum, subject to such conditions as to plans, site, and drainage as the governor may impose. Any person knowing of the existence of a leper or a person reasonably suspected of being a leper outside the limits of an asylum is required to give information of the fact to the police authorities, who shall report the same to the civil medical officer, who shall report to the colonial secretary, and he in turn to the governor. After medical inspection and on certification by two physicians that the person is suffering from leprosy the governor shall order the leper to be committed to an asylum.

If the leper can show that he is able to provide medical treatment and isolation in his own abode he shall not be removed to an asylum, but he shall remain subject to observation, and in the event of a breach of the conditions under which he is allowed to remain in his own abode he shall be removed to a leper asylum. No person detained in a leper asylum shall leave the asylum without a written permit, and no one may enter an asylum without a permit, under penalty of fine. The governor may from time to time make such regulations as he may deem necessary (a) for inspection, examination, and removal of lepers to a leper asylum; (b) for the proper management and sanitation of asylums; (c) for the discipline and good order of the inmates; (d) for the custody and imprisonment within such asylums of lepers accused and found guilty of offenses; (e) for regulating the sittings and procedures of courts to be held under this ordinance; and (f) generally for the better carrying out of the provisions of the ordinance and for the well-being of the inmates of the asylums.

The governor may prohibit any leper who is not a naturalized British subject from residing within the limits of the colony of Hongkong, and may order such leper into arrest and detention until his departure.

A board of visitors is established under the ordinance to visit asylums and report on their maintenance.

HAWAII.

Last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910.

The last plague-infected rat was found at Piihuona, 4 miles from Hilo, April 9, 1910.

Passed Assistant Surgeon Ramus reports in regard to plague-prevention work, November 28:

HONOLULU.

Week ended November 26, 1910.

Total rats and mongoose taken.....	708
Rats trapped.....	602
Mongoose trapped.....	12
Rats shot from trees.....	94
Examined bacteriologically.....	621
Classification of rats trapped:	
<i>Mus alexandrinus</i>	78
<i>Mus musculus</i>	182
<i>Mus norvegicus</i>	57
<i>Mus rattus</i>	285
Classification of rats shot from trees:	
<i>Mus alexandrinus</i>	37
<i>Mus norvegicus</i>	4
<i>Mus rattus</i>	41
Average number of traps set daily.....	1,720

ITALY.

Status of Cholera.

Surg. Geddings at Naples reports November 28:

During the week ended November 26 cholera was reported in Italy as follows:

Province.	Cases.	Deaths.
Caltanissetta.....	3	1
Caserta.....	7	
Rome.....	18	1
Total.....	28	2

Dr. Geddings further reports:

Week ended December 13. Naples, no cholera; rest of Italy, 30 cases, 12 deaths.

NAPLES—Examination of Emigrants—Smallpox.

Dr. Geddings further reports:

Vessels inspected at Naples week ended November 26.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 20	Taormina.....	Philadelphia.....	1,323	225	1,720
21	Indiana.....	New York.....	446	85	860
22	Roma.....	do.....	457	120	870
23	Pannonia.....	do.....			
23	Duca di Genova.....	do.....	847	190	1,050
25	Prinzess Irene.....	do.....	648	95	1,150
	Total.....		3,721	715	5,650

Rejections recommended.

NAPLES.

Date.	Name of ship.	Tra-choma.	Favus.	Sus-pected tra-choma.	Other causes.	Total.
Nov. 20	Taormina.....	38	4	24	12	78
21	Indiana.....	28	1	11	4	43
22	Roma.....	7	1	1	1	9
23	Pannonia.....	31	2	9	5	47
23	Duca di Genova.....	24	2	7	9	42
25	Prinzess Irene.....					
	Total.....	128	9	51	31	219

Smallpox in Naples.—During the week ended November 26, 8 cases of smallpox were reported at the health office of the city of Naples.

JAPAN.

Summary of Cholera.

The following information was obtained from the sanitary bureau of the home department of Japan and forwarded by Surg. Irwin at Yokohama November 23:

At the marine quarantine stations at Nagasaki, Moji, and Yokohama, cases of cholera have been found since August last on vessels arriving from Shanghai. Special attention has therefore been paid to vessels arriving from that port, and strict precautions have been taken. In September some boatmen employed on lighters in the port of Kobe were attacked with cholera. Other boatmen who had come to Osaka from Kobe in lighters were also attacked by the disease. Osaka and Kobe have since become the center of the cholera epidemic. The disease has spread to various localities, there having been at one time as many as 100 new cases daily in one locality. The epidemic has, however, gradually subsided, and at present there are only a few new cases occurring daily in the entire country. It is therefore confidently hoped that with the strict enforcement of preventive measures the epidemic will soon be stamped out. Statistics of cholera since the beginning of the outbreak are as follows:

Statistics of cholera epidemic taken November 19, 1910.

Prefectures.	Number of cases.	Date of first appearance.
Osaka.....	939	September 17.
Kyoto.....	141	September 30.
Tokyo.....	1	October 18.
Hyogo.....	534	September 14.
Ehime.....	24	September 23.
Hiroshima.....	57	September 25.
Kagawa.....	380	October 2.
Okayama.....	68	September 29.
Fukuoka.....	166	September 30.
Tokushima.....	59	October 3.
Nara.....	29	October 3.
Saga.....	45	October 4.
Wakayama.....	21	October 6.
Oita.....	2	October 10.
Yamaguchi.....	37	October 12.
Miye.....	8	October 11.
Nagasaki.....	16	October 16.
Kumamoto.....	10	October 18.
Aichi.....	3	October 15.
Kochi.....	69	October 18.
Shimane.....	5	October 24.
Kagoshima.....	3	October 28.
Total.....	2,624	

MANCHURIA.

Plague.

Acting Asst. Surg. De Forest at Libau, Russia, reports December 4:

At Manchuria station, on the Eastern Siberian Railway, there have been reported from October 26 to December 3, 335 cases of cholera with 321 deaths. At Harbin during the same period there have been reported 4 cases with 1 death.

MEXICO.

PUERTO MEXICO—Precautions Against Introduction of Cholera.

Acting Asst. Surg. Thompson reports December 9:

Vessels arriving at this port from a port infected with cholera are required to anchor outside the bar and are there boarded by the chief sanitary officer. In case there is illness suspicious or positive of cholera on board the superior board of health at Mexico City will be advised and the officer here will receive special instruction. In case no illness exists on board the closets and other parts of the vessel containing dirty water or other foul matter are disinfected, after which waste is saturated with cresol and placed in all outlets of places disinfected and there remains to exclude any deposit of excreta from the vessel inside the bar. No member of the ship's crew, excepting officers on duty, and no passengers are permitted to leave the vessel while in port, and all persons going on board for discharging cargo or other purpose are required to show a certificate of inoculation with anticholera vaccine.

PHILIPPINE ISLANDS.

Status of Cholera.

Chief Quarantine Officer Heiser at Manila reports:

During the week ended November 5 there were 7 cases of cholera in Manila with 3 deaths.

Cholera in the provinces.

Provinces.	Cases.	Deaths.
Ambos Camarines.....	10	6
Batangas.....	2	1
Bulacan.....	19	16
Cavite.....	2	3
Rizal.....	6	4
Total.....	39	30

Additional Preventive Measures.

In view of the continued presence of cholera and plague at Saigon, Phom Penh, and other Asiatic ports, it was deemed advisable for the further protection of the Philippine Islands to demand the bathing of crews and the disinfection of their effects, and that crews be kept

on board vessels while in Philippine ports. The following circular letter on this subject was issued November 3, 1910:

CIRCULAR.

MANILA, P. I., November 3, 1910.

To owners, agents, and masters of vessels, and others concerned.

GENTLEMEN: Vessels bound for Philippine ports from foreign ports at which cholera or plague is present must have the crews bathed and their effects disinfected with steam either at the port of departure, or at Mariveles, or Cebu; and in the event that this procedure is not practicable the crews of such vessels must be kept aboard for a period of at least seven days from the time of departure from the last foreign port, and in no event shall crews of such vessels be permitted to come ashore in the Philippines until permission is granted by a medical officer of the quarantine service.

The foregoing does not apply to vessels arriving from foreign ports less than 700 miles from a Philippine port. At ports located at a less distance, the regulations prescribed by the medical officers of the American consulates apply as heretofore.

Respectfully,

VICTOR G. HEISER,
*Passed Assistant Surgeon,
Chief Quarantine Officer for the Philippine Islands.*

RUSSIA.

LIBAU—Smallpox—Examination of Emigrants.

Acting Asst. Surg. De Forest reports, November 20 and December 4:

During the week ended November 20 there was reported 1 death from smallpox at Libau.

For the steamship *Russia*, which sailed December 4, there had been examined 888 emigrants. At the second inspection 832 emigrants and a crew of 132 members were examined. No cases of illness were found at second inspection. All had been vaccinated prior to sailing. All foodstuffs were removed from emigrants' baggage. The cargo was in good sanitary condition.

VENEZUELA.

CARACAS—Plague and Yellow Fever.

Chargé d'Affaires Whitehouse reports, November 26:

Plague.—From October 22 to November 12 there were reported in the district of Caracas 13 cases of plague. Of 518 rats examined during this period for plague infection 4 were found to be plague infected. From July 20 to October 31 there were examined 2,436 rats, of which 9 were found infected.

Yellow fever.—From November 6 to 21 there were reported 12 cases of yellow fever.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended December 23, 1910.

These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Mascat.....	Nov. 6-12.....	23	22	
India:				
Bombay.....	Nov. 9-15.....		1	
Italy.....				Total for Italy, Dec. 7-13, 30 cases; 12 deaths.
Provinces—				
Caltanissetta.....	Nov. 20-26.....	3	1	
Caserta.....	Nov. 20-26.....	7		
Rome.....	Nov. 20-26.....	18	1	
Japan:				
Aichi.....	Oct. 16-Nov. 19.....	3		Deaths not reported.
Ehime.....	Sept. 23-Nov. 19.....	24		
Fukuoka.....	Sept. 30-Nov. 19.....	166		
Hiroshima.....	Sept. 25-Nov. 19.....	57		
Kagawa.....	Oct. 2-Nov. 19.....	380		
Kagoshima.....	Oct. 28-Nov. 19.....	3		
Kochi.....	Oct. 18-Nov. 19.....	69		
Kumamoto.....	Oct. 18-Nov. 19.....	10		
Kyoto.....	Sept. 30-Nov. 19.....	141		
Hyogo.....	Sept. 14-Nov. 19.....	534		Including Kobe, previously reported.
Miye.....	Oct. 11-Nov. 19.....	8		
Nagasaki.....	Oct. 16-Nov. 20.....	17		
Nara.....	Oct. 3-Nov. 19.....	29		
Okayama.....	Sept. 29-Nov. 19.....	68		
Oita.....	Oct. 10-Nov. 19.....	2		
Osaka.....	Sept. 17-Nov. 19.....	939		Including cases previously reported.
Saga.....	Oct. 4-Nov. 19.....	45		
Shimane.....	Oct. 24-Nov. 19.....	5		
Tokushima.....	Oct. 3-Nov. 19.....	59		
Tokyo.....	Oct. 18.....	1	1	
Wakayama.....	Oct. 6-Nov. 19.....	21		
Yamaguchi.....	Oct. 12-Nov. 19.....	37		
Java:				
Batavia.....	Oct. 30-Nov. 5.....	5	2	
Manchuria:				
Dalny.....	Nov. 6-12.....	2		Nov. 3, one case on s. s. Sainan Maru from Osaka.
Philippine Islands:				
Manila.....	Oct. 30-Nov. 5.....	7	3	
Provinces—				
Ambos Camarines.....	Oct. 30-Nov. 5.....	10	6	
Batangas.....	Oct. 30-Nov. 5.....	2	1	
Bulacan.....	Oct. 30-Nov. 5.....	19	16	
Cavite.....	Oct. 30-Nov. 5.....	2	3	
Rizal.....	Oct. 30-Nov. 5.....	6	4	
Turkey:				
Adrianople.....	Nov. 2-21.....	94	34	
Constantinople.....	Nov. 1-21.....	368	201	
Turkey in Asia:				
Basra.....	Oct. 25-Nov. 13.....	221	170	
Erzeroum, Vilayet.....	Oct. 27-Nov. 21.....	29	24	
Samsoun.....	Nov. 13-20.....	12	12	
Trebizond.....	Oct. 31-Nov. 19.....	112	60	
Zongouldac.....	Oct. 31-Nov. 19.....	16	7	

YELLOW FEVER.

Brazil:				
Manaos.....	Nov. 13-26.....		6	
Para.....	Nov. 20-26.....	37	14	
Venezuela:				
Caracas.....	Oct. 22-Nov. 21.....	12		Three cases previously reported.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received During Week Ended December 23, 1910.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Nov. 9-15.....		11	
Kurrachee.....	Nov. 6-12.....	3	3	
Madras.....	Nov. 6-12.....		1	
Rangoon.....	Dec. 26-Nov. 5.....		2	
Indo-China:				
Saigon.....	Oct. 24-30.....	1	1	
Manchuria:				
Manchuria Station.....	Oct. 25-Dec. 2.....	335	321	Including cases and deaths previously reported.

SMALLPOX.

Brazil:				
Para.....	Nov. 20-26.....	8		
Canada:				
Louisburg.....	Dec. 4-10.....	1		
Quebec.....	Dec. 4-10.....	1		
Newcastle.....	Dec. 4-10.....	3		
Sydney.....	Dec. 4-10.....	4		
Victoria.....	Nov. 26-Dec. 3.....	2		
China:				
Shanghai.....	Nov. 6-20.....		6	
Colombia:				
Cartagena.....	Nov. 13-21.....	25		Including 8 cases previously reported.
France:				
Paris.....	Nov. 13-19.....	5		
Germany, general.....	Nov. 14-Dec. 3.....	3	1	
India:				
Madras.....	Nov. 6-12.....		6	
Indo-China:				
Saigon.....	Oct. 24-30.....	4	3	
Italy:				
Naples.....	Nov. 20-26.....	8		
Java:				
Batavia.....	Oct. 30-Nov. 5.....	2		
Mexico:				
Monterey.....	Nov. 26-Dec. 4.....		1	
San Luis Potosi.....	Oct. 30-Nov. 12.....	3	3	
Morocco:				
Tangier.....	Nov. 13-19.....	2		
Peru:				
Salaverry.....	Nov. 8-21.....	7	1	
Portugal:				
Lisbon.....	Nov. 13-26.....	25		
Straits Settlements:				
Penang.....	Oct. 23-Nov. 5.....	125	38	
Singapore.....	Oct. 23-Nov. 5.....	8	3	
Turkey in Asia:				
Beirut.....	Nov. 20-26.....	3		
Trebizond.....	Nov. 13-19.....	6	2	

Reports Received from June 25 to December 16, 1910.

[For reports received from January 1, 1910, to June 24, 1910, see PUBLIC HEALTH REPORTS for June 24, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Maskat.....	Sept. 18-Nov. 5.....	57	49	Including Matrah.
Surur.....	Oct. 29-Nov. 5.....			Present and in vicinity.
Austria-Hungary:				
Galicia—				
Padwoloczyńska.....	June 20.....	1	1	From Russia.
Hungary.....				Total for Hungary, Aug. 19-Nov. 5: Cases, 345; deaths, 172.
Budapest.....	Sept. 8-Oct. 1.....	8	5	Present.
Kalocsa.....	Sept. 23.....			
Mohacs.....	Aug. 25-Sept. 24.....	22	10	
Neusatz.....	Sept. 23.....			Do.
Pressburg.....	Aug. 24-30.....	1	1	From the steamer Rosenberg.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Austria-Hungary—Continued.				
Gratz.....	Nov. 7.....	1	.....
Laibach.....	Oct. 24.....	1	.....
Trieste.....	Oct. 16.....	1	.....
Vienna.....	Aug. 21-Sept. 24.....	9	2	
Borneo:				
Pamangkjat.....	July 22-31.....	20	20	
Brazil:				
Para.....	Oct. 22.....	2	.....	From s. s. Manaos, transhipped from s. s. Araguaya, from Southampton via Cherbourg. C
Pernambuco.....	Oct. 20.....	.....	.....	Two fatal cases on s. s. Manaos en route to Para. Cases transhipped from s. s. Araguaya.
Canada:				
Quebec.....	Nov. 18.....	1	.....	A Russian immigrant from s. s. Royal George, from Bristol.
China:				
Amoy.....	July 17-Sept. 24.....	6	6	
Fa Ti.....	Oct. 21.....	6	5	Across the river from Canton in the insane hospital.
Fatshan.....	July 1.....	.....	.....	Epidemic.
Hankow.....	Aug. 7-Oct. 22.....	7	2	
Hongkong.....	July 10-16.....	9	6	Imported.
Pathol.....	Sept. 17.....	.....	.....	Present.
Swatow.....	May 10-June 6.....	.....	254	From 3,000 to 4,000 deaths in vicinity.
Colombo:				
Ceylon.....	July 3-9.....	1	.....
Denmark:				
Copenhagen.....	Sept. 27.....	1	.....	On a steamer from Holland.
Federated Malay States:				
Kuala Lumpur.....	Oct. 22.....	.....	.....	Present in rubber estates of Krian.
France:				
Marseille.....	Oct. 4-6.....	4	3	Three cases from s. s. Bosphore from Piræus; 1 case a contact.
Germany:				
Freiburg.....	Sept. 9-13.....	2	.....
Kalthof.....	Sept. 14.....	10	6	
Marienburg.....	Sept. 13-Oct. 9.....	16	6	Suburb of Marienburg.
Ruhleben (near Berlin).....	June 23-27.....	2	2	Among Russian emigrants.
Sommerau.....	Sept. 22.....	1	1	
Spandau (near Berlin).....	Aug. 29.....	2	1	
India:				
Bombay.....	June 8-Nov. 8.....	.....	43	
Calcutta.....	May 1-Oct. 22.....	.....	604	
Kurrachee.....	July 24-Oct. 8.....	43	36	
Madras.....	May 21-Nov. 2.....	.....	125	Madras Presidency: Oct. 1-Dec. 31, 1909, cases, 5,579; deaths, 3,264. Jan. 1-Sept. 31, 1910, cases, 25,472; deaths, 16,043.
Moulmine.....	May 1-7.....	1	1	
Negapatam.....	Apr. 16-Oct. 7.....	.....	301	
Rangoon.....	May 8-Oct. 15.....	.....	17	
Indo-China:				
Haipong.....	Aug. 30.....	.....	.....	Present.
Saigon.....	Jan. 1-Oct. 10.....	80	54	
Italy				
Province of Avellino.....	Oct. 9-22.....	7	2	
Province of Bari—				
Andria.....	Aug. 17-Oct. 22.....	41	29	
Barietta.....	Aug. 17-Sept. 24.....	167	102	
Bisceglie.....	Aug. 17-Oct. 22.....	4	2	
Bitonto.....	Aug. 17-Oct. 22.....	3	1	
Canosa.....	Aug. 17-Sept. 10.....	10	2	
Carbonara.....	Oct. 2-7.....	1	1	
Grumo Appula.....	Aug. 17-27.....	1	.....
Molfetta.....	Aug. 17-Oct. 22.....	80	29	
Ruvo.....	Aug. 17-Oct. 1.....	4	1	
Spinazzola.....	Aug. 17-Sept. 4.....	15	8	
Terlizzi.....	Oct. 1-7.....	2	.....
Trani.....	Aug. 17-Sept. 10.....	93	71	
Triggiano.....	Sept. 18-24.....	1	.....
Province of Caltanissetta.....	Nov. 6-19.....	3	2	
Province of Campobasso.....	Oct. 9-Nov. 19.....	7	2	
Province of Caserta.....	Oct. 1-Nov. 19.....	296	184	Total for Italy exclusive of Naples, Oct. 2-Dec. 6: Cases 656, deaths 247.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Italy—Continued.				
Province of Foggia—				
Cerignola.....	Aug. 17-Oct. 7....	38	30	
Margherita di Savoia.....	Aug. 17-Sept. 10....	24	24	
Ortanova.....	Aug. 17-Sept. 10....	4	2	
San Ferdinando.....	Aug. 17-Sept. 10....	15	15	
Trinitapoli.....	Aug. 17-Oct. 1....	55	30	
Province of Lecce.....	Oct. 16-Nov. 19....	15	10	
Province of Messina.....	Oct. 16-22.....	1	1	
Province of Naples, exclusive of city of Naples.....	Oct. 9-Nov. 19....	193	41	
Naples.....	Sept. 25-Nov. 8....	329	131	
Province of Palermo—				
Palermo.....	Sept. 28-Nov. 19....	34	9	
Province of Perugia.....	Nov. 6-12.....	2		
Province of Potenza—				
Genzano.....	Aug. 17-27.....	2	1	
Palazzo San Gervasio.....	Aug. 17-27.....	1	1	
Province of Rome.....	Nov. 6-19.....	22	4	Exclusive of the following cities.
Fiumicino.....	Oct. 2-7.....	1	1	
Rome.....	Sept. 25-Nov. 19....	29	10	
Sezze.....	Oct. 30-Nov. 12....	5	1	
Terracina.....	Oct. 23-Nov. 5.....	6	1	
Province of Salerno.....	Oct. 1-Nov. 12....	28	10	
Province of Sicily—				
Girgenti.....	Oct. 21-Nov. 19....	8	1	
Monreale.....	Oct. 1.....	1		
Trapani.....	Oct. 21-22.....	3	2	
Sardinia.....	Oct. 3-12.....	5	1	
Japan.....				
				Total for all Japan, Sept. 12-Oct. 19: Cases, 800.
Awaji Island.....	July 22-28.....	3		
Ehime.....	Oct. 4.....	5		
Fukuoka.....	Oct. 4.....	20		
Hiroshima.....	Oct. 4.....	5		
Ibogan.....	Aug. 5.....	3	1	
Kagawa.....	Oct. 4.....	2		
Kyoto.....	Oct. 7.....	82	30	Oct. 1-15: Cases, 150.
Kobe.....	Sept. 12-Nov. 12....	362	200	Sept. 12: First case from s. s. Amakusa Maru, from Dalny.
Matsuyama.....	Nov. 5-14.....	23	16	
Moji.....	Aug. 13-Oct. 19....	44	25	Aug. 13: One case on s. s. Helios.
Nagasaki.....	Aug. 15-Nov. 3.....	8	2	Aug. 15: One case on s. s. Kasuga Maru, from Shanghai. Oct. 19: One case from s. s. Chicago Maru.
Nagoya.....	Sept. 25-Oct. 8....	1	1	
Nara.....	Oct. 4.....	1		
Okayama.....	Oct. 4.....	1		
Osaka.....	Aug. 6-Oct. 10....	195	117	To Oct. 23: Total number of cases, 802.
Tokushima.....	Oct. 7.....	2		
Tokyo.....	Oct. 17.....	1	1	
Wakamatsu.....	Oct. 8.....	2		
Yokohama.....	Aug. 22.....	1		On s. s. Siberia, from Shanghai.
Java.....				
Batavia.....	May 8-Oct. 29....	409	269	Mainly among natives.
Paseroean.....	Aug. 11-Sept. 10....	68	63	
Samarang.....	May 8-Sept. 10....	512	436	
Soerabaya.....	May 8-Oct. 22....	195	116	
Korea:				
Chinampo.....	Aug. 26-27.....	2	1	From steamship Suma Maru.
Phong Yang.....	Oct. 2.....	70	40	
Madeira:				
Funchal.....	Nov. 16-29.....	77		
Manchuria:				
Dalny.....	Aug. 21-Sept. 10....	4	1	
Morocco, general.....	Sept. 27-Oct. 7....		5	Between Rabat and Casablanca among troops.
Netherlands:				
Rotterdam.....	July 23-29.....	1		From a vessel from Russia.
Persia:				
Ardabil.....	July 1-Aug. 21....	70	56	Present.
Chudja.....	Sept. 4.....	2	1	
Churine-Sou.....	Oct. 1.....			
Enzell.....	Aug. 20-Sept. 14....	4	3	
Ghazian.....	Sept. 21-30.....	3	2	
Ghechlagh.....	Oct. 1.....	4		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Persia—Continued.				
Ghol-Joughan.....	Oct. 1.....			Present.
Hassan Branch.....	July 11-13.....	6	2	
Imam-Goli.....	Sept. 28.....			Do.
Kermanshah.....	Oct. 1-10.....	67	40	Present in all localities between Hamadan and Ksinekin.
Khorassan Province—				
Badjairian.....	Aug. 1-Sept. 13....	10	4	
Koutcham.....	Sept. 13.....	2	1	
Meshed.....	Sept. 13-27.....	160	80	And vicinity.
Nir.....	Sept. 4.....			Present.
Serab.....	Aug. 4-27.....			Do.
Philippine Islands:				
Manila.....	May 22-Oct. 29....	418	273	July 29, 1 fatal case from s. s. Batangueno. First quarter, 1910: Cases, 56; deaths, 45. Second quarter, 1910: Cases, 37; deaths, 27.
Provinces.....				
				First quarter, 1910: Cases, 578; deaths, 432. Second quarter, 1910: Cases, 2,324; deaths, 1,092.
Albay.....	Sept. 4-10.....	3	2	
Ambos Camarines.....	Oct. 2-29.....	41	30	
Batangas.....	May 1-Oct. 29.....	1,426	921	
Bulacan.....	May 1-Oct. 29.....	850	610	
Cavite.....	June 12-Oct. 29.....	12	9	
Ilocos Sur.....	Aug. 14-Oct. 29.....	128	96	
Mindoro.....	Aug. 21-Oct. 8.....	12	10	
Mountain.....	June 26-Oct. 29.....	8	6	
Nueva Ecija.....	June 26-Oct. 29.....	623	413	
Pampanga.....	Apr. 24-Oct. 1.....	286	264	
Pangasinan.....	Apr. 24-Oct. 8.....	3,911	3,015	
Rizal.....	June 12-Oct. 29.....	314	211	
Tarlac.....	May 8-Oct. 29.....	277	207	
Union.....	May 1-July 30.....	3	1	
Tayabas.....	Sept. 26-Oct. 15....	41	26	
Roumania:				
Galatz.....	Sept. 16.....	1	1	An Italian seaman.
Tulcea.....	Oct. 5.....	1	1	
Russia.....				
				Total for Russia May 8 to Nov. 18: Cases, 213,072; deaths, 99,075.
Amolinsk, territory.....	Aug. 7-Nov. 5.....	723	437	
Amur, territory.....	Sept. 11-Oct. 22....	117	81	
Archangel, government—				
Archangel.....	July 17-Oct. 15.....	4	3	
Astrakhan, government.....	July 3-Oct. 1.....	1,794	797	
Baku, government.....	May 29-Oct. 1.....	1,086	576	
Baku.....	July 3-Oct. 22.....	1,013	417	
Batum, territory.....	Aug. 28-Oct. 1.....	14	7	
Bessarabia.....	June 5-Oct. 8.....	112	45	
Black Sea, province.....	July 3-Oct. 22.....	504	163	
Courland.....	Oct. 2-15.....	5		
Cronstadt.....	July 17-Oct. 29.....	230	125	
Daghestan, territory.....	July 17-Oct. 8.....	1,566	571	
Don, territory.....	May 29-Oct. 22....	20,921	2,191	
Rostov on the Don.....	June 19-Oct. 1.....	3,081	1,030	
Erivan, government.....	July 24-Oct. 22....	1,068	546	
Esthonia, government—				
Revel.....	July 24-30.....	1		
Ferganah.....	Sept. 11-Oct. 22....	90	59	
Finland.....	Aug. 6-Sept. 24....	3		
Kaluga, government.....	July 17-Aug. 6.....	21	3	
Kars, territory.....	Aug. 7-Oct. 8.....	707	306	
Kharkov, government.....	May 29-Oct. 8.....	2,638	1,104	
Khazan.....	June 26-Oct. 1.....	1,972	855	
Kherson, government.....	May 29-Oct. 22....	8,839	4,769	
Odessa.....				June 18-20: Fatal case on s. s. Colenso. May 29-Oct. 28: Cases, 604; deaths, 340.
Kief, government.....	May 20-Nov. 5.....	3,339	1,335	
Kostroma, government.....	May 29-Oct. 8.....	1,880	757	
Koutals, government.....	Aug. 7-Oct. 1.....	407	286	
Kuban, government.....	May 29-Oct. 22....	49,603	10,276	
Kursk, government.....	June 26-Oct. 22....	5,373	2,116	
Livonia, government.....	Aug. 28-Oct. 15....	51	34	
Riga.....	Aug. 1-Sept. 24....	27		
Minsk, government.....	May 29-Oct. 1.....	503	168	
Mohilev, government.....	May 15-Oct. 22....	228	101	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Moscow, government.....	July 24-Oct. 22....	188	84	
Moscow.....	July 10-30.....	10	5	
Nikolajev.....	Aug. 28-Oct. 22....	38	19	
Nizhni Novgorod, govern- ment.....	July 3-Oct. 22....	1,797	788	
Novgorod, government.....	July 17-Oct. 8.....	14	6	
Olonetz, government.....	Aug. 14-Oct. 22....	26	8	
Orel, government.....	Mar. 30-Oct. 8.....	452	173	
Orenburg, government.....	July 17-Nov. 5.....	2,947	1,493	
Orlov.....	July 3-9.....	22	8	
Podolia, government.....	July 3-Oct. 22....	1,108	448	
Pensa, government.....	July 10-Aug. 13....	401	138	
Perm, government.....	July 17-Sept. 30....	684	231	
Poltava, government.....	May 29-Oct. 8.....	2,955	1,210	
Pskov, government.....	Aug. 14-Oct. 1.....	6	1	
Rjasan, government.....	July 3-Oct. 22....	2,022	856	
St. Petersburg, government	July 10-Nov. 5.....	585	322	
St. Petersburg.....	June 19-Nov. 5.....	4,291	1,715	
Samara, government.....	June 19-Nov. 5.....	10,251	4,662	
Sarapul, government.....	July 17-Sept. 24....	1,048	556	
Saratov, government.....	June 19-Oct. 22....	6,009	2,509	
Semipalatinsk, territory.....	Sept. 4-Oct. 1.....	15	6	
Siberia, eastern part.....	Oct. 16-Nov. 5.....	370	245	Vladivostok, Nov. 5, present.
Simbirsk, government.....	June 19-Oct. 22....	3,476	1,715	
Smolensk.....	July 24-Oct. 22....	77	34	
Stavropol, government.....	July 26-Oct. 22....	3,903	1,883	
Syr Darya.....	July 24-Oct. 22....	146	90	
Tambov, government.....	June 19-Oct. 22....	4,152	2,021	
Taurida, government.....	May 29-Oct. 22....	4,070	2,004	
Kertsch.....	May 29-Oct. 1.....	490	223	
Sebastopol.....	June 19-Sept. 10....	44	24	
Theodosia.....	June 19-25.....			Present.
Terek, territory.....	June 19-Oct. 22....	1,257	656	
Tiflis, government.....	July 17-Nov. 5.....	1,606	596	
Tiflis.....	June 19-July 16....	113	41	
Tchernigov, government.....	May 29-Oct. 22....	1,216	448	
Tobolsk, government.....	Aug. 7-Oct. 22....	146	74	
Tomsk, government.....	Aug. 14-Oct. 22....	328	132	
Transbaikal, territory.....	Sept. 4-Oct. 22....	26	20	
Transcaucasian, territory.....	July 3-Oct. 22....	4	27	
Transcaucasia—				
Tschernomorsk, dis- trict—				
Novorossysk.....	June 19-July 3.....	7	6	
Tula, government.....	July 10-Aug. 27....	34	10	
Turgai, territory.....	July 24-Oct. 8.....	96	49	
Tver, government.....	July 24-Oct. 22....	33	9	
Ufa, government.....	July 10-Sept. 10....	588	361	
Ural, territory.....	Aug. 14-Oct. 1.....	177	115	
Vitebsk, government.....	May 29-Nov. 5.....	313	139	
Veronesch, government.....	May 29-Oct. 22....	4,565	2,140	
Viatka.....	July 24-Oct. 22....	305	160	
Vladimir, government.....	July 24-Oct. 1.....	25	16	
Volhynia, government.....	July 3-Sept. 10....	47	25	
Vologda, government.....	Aug. 14-Oct. 22....	195	114	
Warsaw, district.....	Aug. 25-Sept. 2.....	25	28	Sept. 22, still present.
Yaroslavl, government.....	July 24-Oct. 15....	1,134	606	
Yaroslavl.....	July 10-23.....	25	13	
Yekaterinslav, govern- ment.....	May 29-Oct. 22....	14,857	6,875	
Yelissavetpol.....	Aug. 7-Oct. 8.....	120	87	
Servia:				
Belgrade.....	Oct. 7-Nov. 8.....	10	2	
Passarowitz.....	Oct. 7-Nov. 8.....	1	1	
Slam:				
Bangkok.....	May 4-Oct. 8.....	888	881	
traits Settlements:				
Singapore.....	May 8-Oct. 8.....	116	111	
Tripoli:				
Tripoli.....	Oct. 3-Nov. 14....	253	198	
Turkey:				
Adrianople.....	Nov. 2-20.....	94	34	
Constantinople.....	Sept. 13-Nov. 21..	477	264	In hospital, Sept. 27-Nov. 21; cases 328; deaths 122, among troops. On s. s. Garb, 30 cases and 14 deaths.
Saloniki.....	Nov. 18.....	1	1	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Turkey in Asia:				
Bagdad, vilayet.....	Oct. 16-Nov. 19...	645	544	
Basra.....	Sept. 25-Nov. 18...	259	198	
Beirut.....	Oct. 30-Nov. 5....	7	3	
Erzerum, vilayet.....	Aug. 22-Nov. 21....	602	415	
Irakil.....	Sept. 25-Oct. 1....	1	1	
Mohammarah.....	Nov. 4-12.....	43	16	
Samsoun.....	Nov. 13-20.....	12	12	
Smyrna.....	Nov. 21.....			Present.
Tizirk.....	Sept. 18-24.....	1		
Touza.....	Oct. 30-Nov. 19....	250	177	
Trebizond.....	Sept. 10-Nov. 19....	639	352	And vicinity.
Zongouldak.....	Oct. 1-Nov. 18....	93	46	Do.

YELLOW FEVER.

Brazil:				
Bahia.....	Apr. 30-Aug. 26...	16	12	
Manaos.....	May 30-Nov. 12...	54	54	S. s. Augustine, left Manaos Sept. 24 bound for Liverpool, via Para and Lisbon. After leaving Manaos 5 cases of yellow fever developed; 2 of these were landed at Para, 2 were buried at sea, and 1 was landed at Liverpool convalescent.
Para.....	May 30-Nov. 19...	226	128	July 25: One death on s. s. Augustine, en route from Para to Lisbon, 2 days previous to arrival at Madeira.
Pernambuco.....	May 16-21.....		1	
Costa Rica:				
Limon.....	July 9-14.....	1	1	
San Jose.....	May 28-July 9....	3	2	Fatal case May 28 from Barranquilla; case June 29 from Siquires; fatal case July 9 from Tivives.
Siquires.....	July 31.....	1	1	
Ecuador:				
Babahoyo.....	Sept. 1-15.....	1		
Duran.....	Aug. 16-Sept. 30..	2		
Guayaquil.....	May 16-Oct. 31....	83	35	
Milagro.....	Aug. 16-31.....	2	1	Present Sept. 19.
Gold Coast:				
Sekondi.....	May 1-27.....	8	8	
Great Britain:				
Liverpool.....	Oct. 14.....	1		See remark opposite Manaos.
Hawaii:				
Honolulu.....	Nov. 5.....	1		From s. s. Hongkong Maru, from Empalme, Mexico, via Callao, Chilean ports, Salina Cruz, and Manzanillo.
Mexico:				
Campeche.....	Sept. 25-Nov. 12..	10	7	
Sierra Leone:				
Freetown.....	May 1-Sept. 30....	8	8	
Sherboro.....	May 20.....			Present.
Venezuela:				
Caracas.....	Oct. 22-Nov. 21....	12	1	Sept. 17, present.
La Guaira.....	June 16-30.....		1	Dec. 3, present.
Puerto Cabello.....	Oct. 12.....			Present.
Valencia.....	Oct. 14.....	3	1	

PLAGUE.

Arabia:				
Aden.....	Oct. 9-25.....	5	4	Oct. 22-25, 3 cases, 2 deaths from s. s. Himalaya from London to Bombay.
Argentina:				
Rosario.....	Feb. 1-28.....	1	1	
Tucuman.....	Feb. 26-May 31....	37	16	
Brazil:				
Bahia.....	Apr. 30-Oct. 7....	36	36	
Para.....	Sept. 19.....	1		
Pernambuco.....	Apr. 1-Oct. 4....	6	5	
Rio de Janeiro.....	June 5-Oct. 30....	6	2	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chile, general.	Jan. 1-May 31	104	35	Present.
Iquique.	May 8-Sept. 4	38	13	
Mejillones.	Apr. 27			
Pisagua.	Apr. 1-May 31	14	4	
Taltal.	Apr. 1-27	12		
China:				
Amoy.	July 3-Sept. 24		11	May 8-June 11, 8 to 12 deaths daily. Aug. 6, present in vicinity.
Kulangsu international city.	June 5-11		1	
Canton.	July 13-Aug. 6	43	31	Mainly at Ho Peng. Present also at Chelin, Feng-chow-so, Taipushien, and Tsai-tang-shi.
Chao Yang district.	May 5-19		3,000	
Chang-pu district.	June 11			
Ching-chew district.	June 11			
Hankow.	May 15-28	5	3	
Hongkong.	May 8-Aug. 27	20	18	Present in vicinity.
Shanghai.	Oct. 28-Nov. 5	6	6	
Swatow.	June 1-July 11			
Ecuador:				
Babahoyo.	Sept. 1-Oct. 15	6	2	
Duran.	Sept. 16-Oct. 15	2	2	Sept. 15—1 case in hospital.
Guayaquil.	May 16-Oct. 31	298	103	
Matilde, plantation.	Sept. 1-15	1		
Rocafuerte.	Aug. 16-31	1		
Egypt:				
Alexandria.	May 24-Oct. 14	29	17	Case 'Oct. 18' from 's. s. Oceana from Bombay; case Oct. 19 from 's. s. Hindle from Bombay.
Ismailia.	June 19	1	1	
Port Said.	June 14-Sept. 24	29	13	
Provinces—				
Assiout.	May 26-Nov. 10	49	17	
Assouan.	Apr. 30-June 8	2	2	
Behera.	Sept. 13-Nov. 10	4	1	
Beni Souef.	May 27-June 29	8	5	
Dakalyieh.	Aug. 16-26	3	2	
Galicobeeh.	May 21-Sept. 9	9	2	
Garbieh.	May 14-Oct. 21	68	23	
Fayoum.	May 28-July 11	20	14	
Kena.	May 27-June 18	24	22	
Menouf.	May 24-Nov. 4	127	27	
Minieh.	May 31-Sept. 12	27	11	
German East Africa:				
Lindi.	Sept. 5	1	1	
Great Britain:				
London.	Oct. 18-19	2	1	
Suffolk County—				
Freston.	Sept. 16-29	4	4	
Hawaii:				
Honolulu.	July 5-12	2	2	
India:				
Bombay.	May 18-Nov. 8		981	
Calcutta.	May 1-Oct. 22		590	
Kurrachee.	May 15-Nov. 5	591	387	
Madras.	June 25-Oct. 7		2	
Rangoon.	May 8-Oct. 29		446	
Bombay Presidency and Sind.	May 1-Oct. 22	16,820	11,712	
Madras Presidency.	May 1-Oct. 22	1,677	1,365	
Bengal.	May 1-Oct. 22	2,364	2,010	
United Provinces.	May 1-Oct. 22	8,437	7,362	
Punjab.	May 1-Oct. 22	45,949	39,708	
Burma.	May 1-Oct. 22	1,863	1,794	
Eastern Bengal and Assam.	June 12-July 9	48	45	
Central Provinces, including Berar.	May 1-Oct. 22	6,103	4,104	
Mysore State.	May 1-Oct. 22	3,793	2,551	
Hyderabad State.	May 1-Oct. 22	2,142	1,797	
Central India.	May 1-Oct. 22	2,195	1,781	
Rajputana and Ajmer-Merwara.	May 1-Oct. 22	12,889	10,881	
Kashmir.	May 1-Oct. 22	84	68	
North West Province.	June 12-18	3	3	
Grand total.		104,367	85,181	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Saigon.....	Jan. 1-Oct. 23.....	116	49	
Japan:				
Formosa.....	May 8-June 18.....	16	12	
Matsuyama.....	Nov. 5.....	16		
Osaka.....	May 1-June 25.....	9	9	
Yokohama.....	Aug. 31.....	1	1	On s. s. Manchuria from Hong-kong.
Malta:				
Valetta.....	July 16.....	1		In quarantine station on Comino Island, from s. s. North Wales.
Manchuria:				
Hailar.....	Nov. 10.....	3	1	
Harbin.....	Nov. 10.....	1	1	
Jalai Nor Mines.....	Nov. 10.....	14	12	
Jalantun.....	Nov. 10.....			Present.
Manchuria Station.....	Oct. 25-Dec. 2.....	335	321	Three cases and two deaths among Russians.
Mauritius.....	Apr. 1-Sept. 29.....	79	46	
New Zealand:				
Auckland.....	May 23.....	1		
Persia:				
Bouchir.....	Apr. 29-June 25.....	51	40	
Peru:				
Arequipa Department.....	Mar. 1-31.....	16	8	
Mollendo.....	May 16-Aug. 23.....	2	1	Oct. 18, present. Nov. 15, 1 fatal case.
Callao Department.....	Mar. 1-31.....	2		
Callao.....	May 12-Oct. 31.....	10	4	Case May 12 from s. s. Victoria; case May 19 from s. s. Nicarie; Oct. 1-31, 4 cases from Peruvian transport Chalaco. Nov. 12, 1 case.
Lambayeque Department.....	Mar. 1-Oct. 31.....	48	24	
Libertad Department.....	Mar. 1-Oct. 31.....	131	71	Nov. 12, present in Trujillo and Chicama Valley.
Lima Department.....	Mar. 1-Oct. 31.....	56	28	Nov. 12, 2 cases and 1 death.
Piura Department.....	Mar. 1-Oct. 31.....	8	4	
Paíta.....	Oct. 28.....	1		On s. s. Guatemala from Callao to Panama.
Portugal:				
Lisbon.....	Oct. 24-Nov. 8.....	9	2	First case repaired boilers on s. s. Africa from eastern Africa.
Rhodes:				
Aplakia.....	May 22-28.....			Present.
Russia:				
Astrakhan government—				
Khingiz Steppe.....	June 26-July 7.....	13	12	In Kalmuk and Narinsk.
Moscow.....	Aug. 14-Sept. 3.....	2	1	
Odessa.....	July 18-Nov. 19.....	138	40	
Roksoliani.....	Nov. 11.....	2		
St. Petersburg.....	May 6-28.....	3	3	
Siam:				
Bangkok.....	Apr. 25-Sept. 10.....	30	27	
Straits Settlements:				
Singapore.....	May 8-28.....	3	3	
Trinidad:				
Port of Spain.....	May 15-July 14.....	2	2	
Tunis:				
Tunis.....	June 30.....	5	3	
Turkey in Asia:				
Adalia.....	Oct. 6.....	2		
Basra.....	June 12-Aug. 13.....	5	4	
Beirut.....	Aug. 1.....	1		
Lohela.....	May 1-24.....	25	27	And vicinity.
Venezuela:				
Caracas.....	July 30-Nov. 11.....	15	13	Case, Nov. 9, in El Valle, suburb.
Zanzibar:				
Zanzibar.....	Sept. 2-14.....	3	3	

SMALLPOX.

Abyssinia:				
Adis Ababa.....	May 16-Nov. 15.....			Present.
Arabia:				
Aden.....	Sept. 19-26.....		1	
Maskat.....	July 19-23.....	1		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths	Remarks.
Argentina:				
Buenos Aires.....	Feb. 1-Sept. 30.....	.....	464	Epidemic. In February 1 case, 1 death. Epidemic.
Mendoza, province.....	July 27.....	.....	.....
Rosario.....	Apr. 1-Sept. 30.....	.....	15	
San Juan, province.....	July 27.....	.....	.....
Algeria:				
Bona.....	May 1-31.....	1	1	
Australia:				
Victoria, general.....	Apr. 3-19.....	1	1	
Austria-Hungary:				
Bukovina.....	July 10-16.....	1	.....
Galicia.....	May 29-July 23.....	5	.....
Barbados:				
Barbados.....	Aug. 16.....	1	.....	From steamship Byron.
Belgium:				
Antwerp.....	July 24-Oct. 1.....	2	1	
Ghent.....	July 24-Sept. 10.....	.....	2	
Brazil:				
Bahia.....	Apr. 30-Oct. 7.....	406	301	Present.
Campinas.....	July 17-23.....	.....	1	
Manaos.....	Aug. 6-Sept. 3.....	.....	.....
Para.....	May 29-Nov. 12.....	78	22	
Pernambuco.....	Mar. 16-June 30.....	.....	331	
Rio de Janeiro.....	Apr. 18-Oct. 30.....	51	.....	Epidemic in Joinville and vicinity, cases 300, and in Florianopolis and Therosopolis.
Santa Catharina, State of.....	Oct. 12.....	.....	.....
Santos.....	May 22-Aug. 16.....	.....	12	
Sao Paulo.....	June 12-25.....	.....	4	
Canada:				
British Columbia—				
Fernie.....	June 12-25.....	4	.....
Vancouver.....	May 1-31.....	2	.....
Victoria.....	Aug. 21-Nov. 19.....	7	.....
Manitoba—				
Dauphin.....	Sept. 15.....	.....	.....	Present.
Winnipeg.....	June 19-25.....	1	.....
New Brunswick—				
Newcastle.....	Nov. 6-Dec. 3.....	8	.....
Nova Scotia—				
Halifax.....	June 14-Nov. 19.....	26	.....
Louisburg.....	Nov. 27-Dec. 3.....	1	.....
Pictou.....	June 12-July 23.....	9	1	
Sydney.....	July 3-Nov. 26.....	25	.....
Ontario—				
Kingston.....	Oct. 3.....	.....	.....	Present in vicinity.
Ottawa.....	Nov. 13-19.....	1	.....
Toronto.....	June 5-Sept. 17.....	13	.....
Ceylon:				
Colombo.....	June 26-Oct. 29.....	30	9	
Chile:				
Antofagasta.....	July 3-9.....	4	.....	Epidemic. From a coaling vessel. Present. Deaths not reported. Present.
Chilean.....	May 14.....	.....	.....
Punta Arenas.....	Sept. 21-27.....	1	.....
Santiago.....	June 19-25.....	.....	.....
Valparaiso.....	May 19-Nov. 5.....	537	.....
Victoria.....	May 14.....	.....	.....
China:				
Canton.....	May 8-28.....	9	.....	June 5—Present. July 2—One case from a vessel. Present.
Chefoo.....	June 18-July 2.....	1	1	
Chungking.....	Aug. 27-Oct. 1.....	.....	.....	Do.
Hongkong.....	May 8-July 30.....	6	3	Cases among foreigners; deaths among natives. June 9—Three cases from U. S. cruiser New Orleans from Nanking. Present.
Nanking.....	May 7-Nov. 12.....	.....	.....
Shanghai.....	May 22-Nov. 6.....	7	101	
Swatow.....	June -July 17.....	.....	.....
Tsingtau.....	June 12-18.....	2	.....
Colombia:				
Cartagena.....	Oct. 22-Nov. 21.....	25	.....
Cuba:				
Habana.....	Sept. 17.....	1	.....	On s. s. Corcovado, from Corunna.
Egypt, general.				
Alexandria.....	Apr. 30-June 17.....	415	85	
Cairo.....	May 1-Aug. 31.....	.....	13	
Suez.....	May 21-Nov. 11.....	14	5	
France:				
Paris.....	May 29-Nov. 12.....	44	.....

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from June 25 to December 16, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Germany.....				Total for Germany May 29-Dec. 3, cases, 32.
Hamburg.....	June 5-11.....	1		
Gibraltar.....	June 20-Nov. 27.....	12	4	
Great Britain:				
Liverpool.....	July 17-Sept. 24.....	3		
London.....	June 19-Aug. 6.....	6		
South Shields.....	May 22-June 4.....	4	1	
West Hartlepool.....	Oct. 2-8.....	1		
Hawaii:				
Hilo.....	Sept. 10.....	1		Sept. 10—One case on s. s. Wilhelmina, from San Francisco via Honolulu.
Honolulu.....	Nov. 14.....	1		From Army transport Sheridan from San Francisco.
India:				
Bombay.....	May 18-Oct. 25.....		123	
Calcutta.....	July 10-Oct. 8.....		6	
Kurrachee.....	May 15-July 16.....	12	3	
Madras.....	May 14-Nov. 4.....		72	
Rangoon.....	May 8-Aug. 27.....		38	
Indo-China:				
Salgon.....	May 30-Oct. 16.....	203	108	
Italy.....	May 30-Aug. 7.....	66		Total for Italy, exclusive of Naples.
Naples.....	May 30-Nov. 19.....	107	18	June 26—One case from s. s. San Giovanni. One case, July 3, on s. s. Pannonia.
Palermo.....	Sept. 25-Oct. 1.....	1		
Provaglio di Isco.....	Oct. 9-16.....	1		
Japan:				
Kobe.....	Oct. 10-Nov. 13.....	3		
Formosa.....	May 22-Sept. 25.....		5	
Java:				
Batavia.....	May 22-Nov. 29.....	8		
Korea:				
Fusan.....	May 1-7.....	1		
Seoul.....	May 26-July 2.....	3	4	
Malta.....	May 22-Nov. 5.....	31	2	
Mexico:				
Aguascalientes.....	June 5-Nov. 19.....		43	
Chihuahua.....	Oct. 31-Nov. 6.....	1		
Guadalajara.....	June 11-July 2.....		6	
Mexico.....	May 15-Oct. 8.....		41	Oct. 9-22, cases 6.
San Luis Potosi.....	May 29-Oct. 29.....	18	10	
Veracruz.....	July 3-9.....	1		
Morocco:				
Tangier.....	Nov. 19.....			Present in foreign colony.
Netherlands:				
Rotterdam.....	Sept. 4-17.....		1	
Persia:				
Kerman.....	July 2.....			Present.
Teheran.....	May 1-Oct. 24.....		158	
Peru:				
Salaverry.....	Oct. 7-Nov. 1.....	4		
Philippine Islands.....				First quarter, 1910, cases 71; second quarter, 1910, cases 56.
Portugal:				
Lisbon.....	May 29-Nov. 19.....	1,042		Jan. 1-Oct. 8, deaths 222.
Russia:				
Libau.....	May 30-Nov. 20.....	147	11	
Moscow.....	May 22-Nov. 12.....	225	93	
Odessa.....	May 22-Nov. 5.....	55	13	
Riga.....	May 29-Nov. 19.....	524		Apr. 1-Aug. 31, deaths 479.
St. Petersburg.....	May 8-Nov. 12.....	601	99	
Warsaw.....	Mar. 6-Oct. 8.....		197	
Slam:				
Bangkok.....	Apr. 25-Sept. 10.....	4	4	
Siberia:				
Vladivostok.....	Apr. 22-Aug. 13.....	9	9	
Spain:				
Almeria.....	June 1-Aug. 31.....		3	
Barcelona.....	May 31-Oct. 9.....		19	
Cadiz.....	May 1-31.....		1	
Madrid.....	May 1-Oct. 31.....		18	
Seville.....	May 1-Oct. 31.....		8	
Valencia.....	June 19-Nov. 19.....	7		
Vigo.....	June 12-Oct. 15.....		10	

Reports Received from June 25 to December 16, 1910.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Straits Settlements:				
Penang.....	May 29-Oct. 22....	386	102	
Singapore.....	May 8-Oct. 24.....	253	98	
Switzerland:				
Thurgau, Canton.....	July 10-16.....	1		
Zurich, Canton.....	June 19-Nov. 5....	13		
Tripoli:				
Tripoli.....	June 12-18.....	1		
Turkey:				
Constantinople.....	Aug. 22-28.....		1	
Turkey in Asia:				
Bassa.....	June 5-Aug. 13....			Present.
Beirut.....	Oct. 23-Nov. 19...	22	1	
Uruguay:				
Montevideo.....	Apr. 1-Sept. 30....	795	334	
San Jose.....	July 7.....			Do.
Zanzibar:				
Zanzibar.....	June 1-Oct. 23....	183	88	

MORTALITY.

WEEKLY MORTALITY TABLE. FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculos.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aix la Chapelle.....	Nov. 12	162,422	61	3									2	
Amsterdam.....	Nov. 26	574,412	145	23						2			2	
Antwerp.....	Nov. 19	326,351	68	6							1			5
Athens.....	Nov. 21	74,580	12	4						5			1	
Do.....	Nov. 29		25	3						4			2	
Bahia.....	Oct. 7	286,000	105	9	1		10							
Barmen.....	Nov. 12	164,700	38	3									1	
Basra.....	Nov. 5	20,000				110								
Do.....	Nov. 12					168								
Batavia.....	Nov. 5	217,630				2								
Beirut.....	Nov. 19	80,000	20				1		2					
Do.....	Nov. 26		20						3					
Belfast.....	do.	391,167	134	21							1		2	1
Belgrade.....	Nov. 12	80,000	34									1	2	
Do.....	Nov. 26		36							1				
Berlin.....	Nov. 5	2,129,318	535	87					3	8	10	1		2
Do.....	Nov. 19		542	68					3	14	21	1		2
Bombay.....	Nov. 16	977,822	541	41	11	1								2
Bradford.....	Nov. 26	295,865	78	4							1	1		1
Bremen.....	do.	242,489	69	8									3	
Do.....	Dec. 3		66	7								2		
Bristol.....	Nov. 26	382,550	101	8										2
Brussels.....	Nov. 19	720,030	185	26						2			1	
Do.....	Nov. 26		222	25						2				
Cairo.....	Nov. 11	682,953	357	39				4	2			18	2	
Chemnitz.....	Nov. 19	289,928	75	8							2	3		
Cienfuegos.....	Dec. 3	70,416	26	3						1				
Cologne.....	Nov. 12	513,896	158	20					1	1	1	7	2	
Colombo.....	Oct. 29	187,554	111	20			1		4					
Constantinople.....	Nov. 27	1,000,000	382	24		105				11	3	1	1	
Copenhagen.....	Nov. 12	455,000	116	16						2			2	2
Dalny.....	Nov. 5	*44,002	11	2						1				
Do.....	Nov. 12	*44,589	8	1						1				
Dublin.....	do.	402,928	141	27								2		4
Do.....	Nov. 19		166	28								2	1	2
Do.....	Nov. 26		168	20						2	1	2	1	6
Dundee.....	do.	170,206	67	3								4	1	

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Edinburgh.....	do.....	360,276	96	10							1	3		
Frankfort-on-the-Main.....	Nov. 19	412,000	100											
Glasgow.....	Dec. 2	884,520	285							2	6	5	1	
Do.....	Dec. 9		294							1	2	5	2	
Gothenburg.....	Nov. 19	164,000	49	7								3	2	
Do.....	Nov. 26		43	9								5		1
Guadalajara.....	Dec. 3	118,799	82								1			
Hamburg.....	Nov. 12	895,804	239	30							3	19	2	2
Do.....	Nov. 19		267	24							3	19	2	3
Do.....	Nov. 26		249	37						1	2	13	1	4
Hongkong.....	Nov. 5	386,488								1				
Hull.....	Nov. 25	280,006	108							1		2	3	
Do.....	Dec. 3		97							1	1	1	4	1
Kingston, Jamaica.....	Nov. 19	48,504								1				
Kobe.....	Nov. 13	400,147	180			4				1		2		
Do.....	Nov. 20		191							2		1		
Königsberg.....	Nov. 12	244,200	79	15							1	2		
Do.....	Nov. 19		83	8										1
Kurrachee.....	Nov. 12	130,000	71		3									
Leeds.....	Nov. 26	491,985	161	12							1	2	11	1
Leith.....	do.....	86,767	18	3								1		1
Liege.....	Nov. 19	176,597	41	2							1			
Leipzig.....	do.....	590,329	139	20							1	1	6	2
Libau.....	Nov. 20	90,000					1				2			
Liverpool.....	Nov. 26	767,606	252	19							2	3	7	5
London.....	do.....	7,537,196	2,507							4	5	17	109	24
Lyons.....	Nov. 5	500,000	154	28						1	1			
Do.....	Nov. 12		157	24								1		
Madras.....	do.....	550,000	491		1		6						2	
Manaoag.....	Nov. 19	52,000	22	1			1							
Do.....	Nov. 26		40	2			5							
Manchester.....	do.....	631,533	282	29						3	1	5	7	2
Montreal.....	Dec. 10	450,000	168	19						1	2	2	13	
Para.....	Nov. 26	185,000	68	6		14								
Paris.....	do.....	2,776,394	876	193							2	2	4	3
Do.....	Nov. 19		830	189						5		4	1	3
Zanzibar.....	Oct. 21	70,000	26	4				5						
Do.....	Oct. 31		44	8				7						
Do.....	Nov. 7		21	3				4						

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES
(untabulated).

ARGENTINA—*Buenos Aires*.—Month of September, 1910. Population 1,280,955. Total number of deaths from all causes 1,755, including typhoid fever 6, smallpox 17, measles 7, scarlet fever 3, diphtheria 12, tuberculosis 191.

Rosario.—Month of August, 1910. Population 195,502. Total number of deaths from all causes 357, including typhoid fever 1, smallpox 5, scarlet fever 2, tuberculosis 42.

Month of September, 1910. Total number of deaths 372, including typhoid fever 1, smallpox 5, diphtheria 11, tuberculosis 38.

CANADA—*Victoria*.—Two weeks ended October 29, 1910. Population 40,000. Total number of deaths from all causes 23, including typhoid fever 1, tuberculosis 1.

Yarmouth.—Month of October, 1910. Population 6,700. Total number of deaths from all causes 8, including diphtheria 1.

Yukon Territory—Dawson.—Month of October, 1910. Population 15,000. Total number of deaths from all causes 3. No deaths from contagious diseases.

FRANCE—*Roubaix.*—Month of October, 1910. Population 121,115. Total number of deaths from all causes 149, including tuberculosis 29.

GREAT BRITAIN.—Week ended November 12, 1910.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 14.8 per 1,000 of the population which is estimated at 16,940,895.

Ireland.—The deaths registered in 21 principal town districts correspond to an annual rate of 16.2 per 1,000 of the population, which is estimated at 1,151,790. The lowest rate was recorded at Limerick, viz, 6.8 and the highest at Tralee, viz, 31.7 per 1,000 of the population.

GUADELOUPE—*Basse Terre.*—Four weeks ended December 3, 1910. Population 8,656. Total number of deaths from all causes 12. No contagious diseases reported.

MALTA.—Two weeks ended November 12, 1910. Population 215,879. Total number of deaths from all causes 176, including typhoid fever 1, tuberculosis 8.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General.

United States Public Health and Marine-Hospital Service.

